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NASA TECHNICAL MEMORANDUM

NASA TM-82417

(NASA-TM-82417) AVE-SEASAME 5: 25-ME
SOUNDING DATA (NASA) 413 P HC A18/MF A01

N81-24651

Unclas
G3/46 42503

AVE-SEASAME V: 25-MB SOUNDING DATA

By Meta E. Sienkiewicz, Luke P. Gilchrist, and Robert E. Turner

May 1981

NASA



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1. REPORT NO. NASA TM-82417	2. GOVERNMENT ACCESSION NO.	3. RECIPIENT'S CATALOG NO.	
4. TITLE AND SUBTITLE AVE-SESAME V: 25-mb Sounding Data		5. REPORT DATE May 1981	
		6. PERFORMING ORGANIZATION CODE	
7. AUTHOR(S) Meta E. Sienkiewicz,* Luke P. Gilchrist,** and Robert E. Turner		8. PERFORMING ORGANIZATION REPORT #	
9. PERFORMING ORGANIZATION NAME AND ADDRESS George C. Marshall Space Flight Center Marshall Space Flight Center, Alabama 35812		10. WORK UNIT NO.	
		11. CONTRACT OR GRANT NO.	
		13. TYPE OF REPORT & PERIOD COVERED Technical Memorandum	
12. SPONSORING AGENCY NAME AND ADDRESS National Aeronautics and Space Administration Washington, D.C. 20546		14. SPONSORING AGENCY CODE	
15. SUPPLEMENTARY NOTES * Texas A&M University, College Station, Texas ** University of Tennessee Space Institute, Tullahoma, Tennessee Prepared by Space Sciences Laboratory, Science and Engineering Directorate			
16. ABSTRACT This report describes the rawinsonde sounding program for the AVE-SESAME V experiment and presents tabulated data at 25-mb intervals for the 23 National Weather Service stations and 20 special stations participating in the experiment. Soundings were taken at 3-hr intervals beginning at 1200 GMT on May 20, 1979, and ending at 1200 GMT on May 21, 1979 (nine sounding times). A tenth sounding was taken at many special stations between 2100 and 0000 GMT on May 20. The method of processing is discussed briefly, estimates of the rms errors in the data are presented, and an example of contact data is given. Reasons are given for the termination of soundings below 100 mb, and soundings with abnormal characteristics are listed.			
17. KEY WORDS AVE-SESAME V		18. DISTRIBUTION STATEMENT Unclassified — Unlimited <i>Robert E. Turner</i>	
19. SECURITY CLASSIF. (of this report) Unclassified	20. SECURITY CLASSIF. (of this page) Unclassified	21. NO. OF PAGES 413	22. PRICE NTIS

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AVE-SESAME V: 25-mb SOUNDING DATA

by

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1. Introduction

In the spring of 1979, NASA participated in six Atmospheric Variability Experiment - Severe Environmental Storms and Mesoscale Experiments (AVE-SESAME). The dates, observation times, and data reports for each of these experiments are listed in Table 1. A more complete listing of all of NASA's previous Atmospheric Variability Experiments (AVE) is given by Williams, et al. (1980b). The present report contains data for the fifth AVE-SESAME experiment (20-21 May 1979).

This report is primarily a data document containing rawinsonde data taken at National Weather Service and special stations during AVE-SESAME V (20-21 May 1979). A description of the data processing method, together with the FORTRAN program for computing soundings and an error analysis, have been presented by Fuelberg (1974). Error estimates from Fuelberg's report are presented in Section IV. A description of the synoptic conditions, observed weather, selected satellite photographs, and summaries of severe and

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Table 1. Summary of AVE-SESAME experiments.

Experiment	Dates	Observation Times	Data Reports	Preliminary Look Reports
AVE-SESAME I	10-11 April 1979	4/10 - 12, 15, 18, 21, 4/11 - 00, 03, 06, 09, 12	Gerhard, <u>et al.</u> (1979)	Williams, <u>et al.</u> (1980e)
AVE-SESAME II	19-20 April 1979	4/19 - 12, 15, 18, 21, 4/20 - 00, 03, 06, 09, 12	Williams, <u>et al.</u> (1980a)	Williams, <u>et al.</u> (1980c)
AVE-SESAME III	25-26 April 1979	4/25 - 12, 15, 18, 21, 4/26 - 00, 03, 06, 09, 12	Williams, <u>et al.</u> (1980b)	Williams, <u>et al.</u> (1980d)
AVE-SESAME IV	9-10 May 1979	5/09 - 12, 15, 18, 21, 5/10 - 00, 03, 06, 09, 12	Sienkiewicz, <u>et al.</u> (1980)	July and Turner (1980)
AVE-SESAME V	20-21 May 1979	5/20 - 12, 15, 18, 21, 5/21 - 00, 03, 06, 09, 12	This Report	July and Turner (In Publication)
AVE-SESAME VI	7-8 June 1979	6/7 - 12, 15, 18, 21, 6/8 - 00, 03, 06, 09, 12	Sienkiewicz, <u>et al.</u> (1981)	July and Turner (1981)

unusual weather events compiled from teletype reports are presented in a separate report entitled, "A Preliminary Look at AVE-SESAME V Conducted on 20-21 May 1979." That report is being printed concurrently with this data report.

2. The AVE-SESAME V Experiment

Twenty-three National Weather Service stations and twenty special rawinsonde stations participated in the AVE-SESAME V experiment. A list of these stations is presented in Table 2, and their locations are shown in Fig. 1. Soundings were taken at nine times: May 20, 1979 at 1200, 1500, 1800, and 2100 GMT, and May 21, 1979 at 0000, 0300, 0600, 0900, and 1200 GMT. Most of the special rawinsonde stations took a tenth sounding between 2100 GMT and 0000 GMT in addition to the nine regular times.

The station locations are the same as in the AVE-SESAME IV experiment. National Weather Service stations in the South Central United States formed a large-scale network, within which the special stations in Oklahoma and Texas formed a storm-scale network.

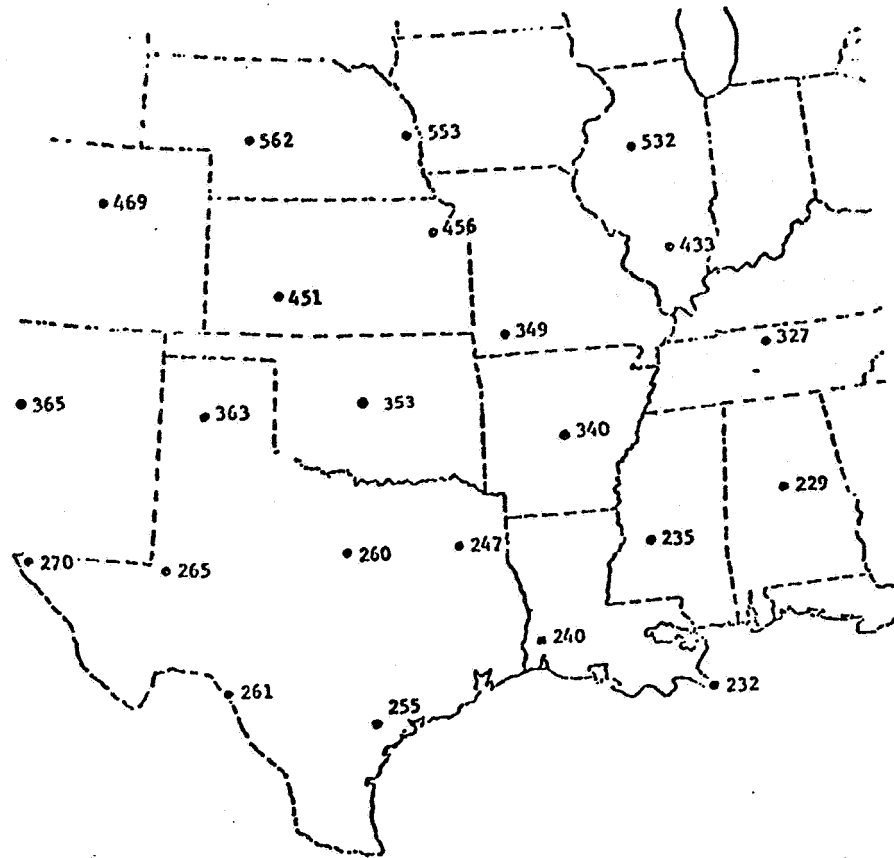
3. Discussion of Basic Data

3.1 Collection of the Data. Raw data from each rawinsonde station were collected by the National Severe Storms Laboratory (NSSL), Norman, Oklahoma, and forwarded to the Atmospheric Sciences Division, NASA Marshall Space Flight Center (MSFC), Alabama. After initial processing, these data were forwarded to Texas A&M University where complete soundings were computed using the university's Amdahl 470/V6/V7B computers.

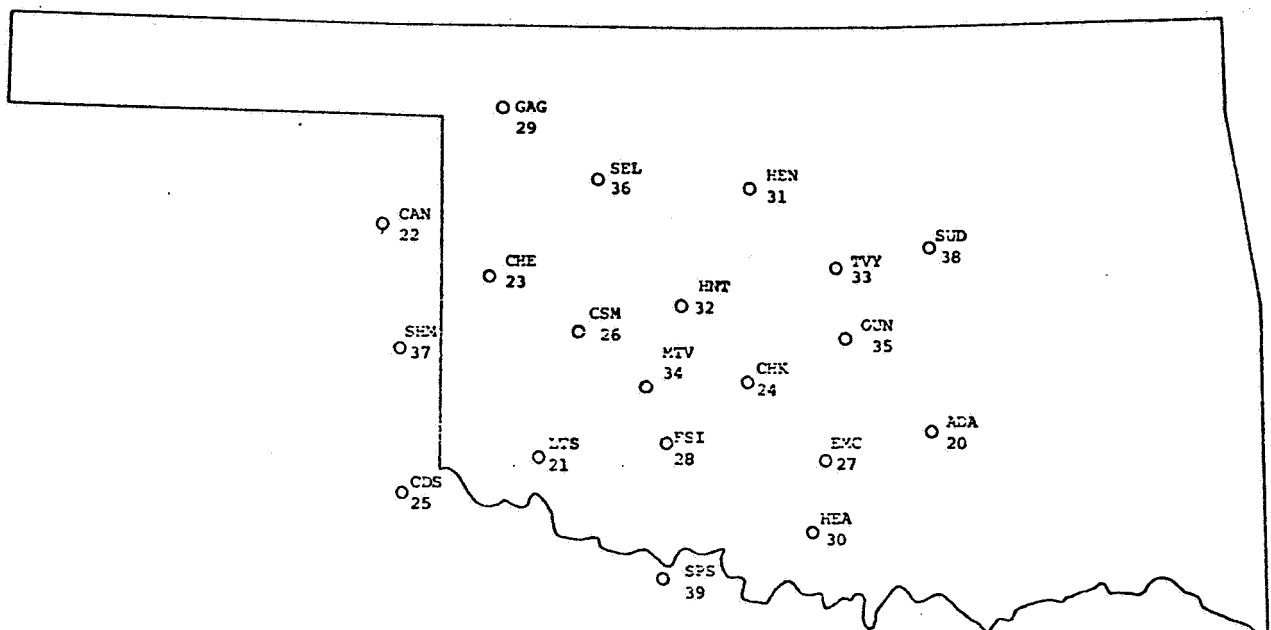
3.2 Methods of Processing. The procedure used to compute the soundings is that used for previous AVEs and is described by Fuelberg (1974). All keypunched data were checked for errors by calculating centered differences on the input data. Additional checks include centered differences on computed winds and checks on lapse rates of computed temperatures and dewpoints. Constant-pressure charts were plotted for the large-scale and storm-scale networks, and time cross sections were analyzed for each station. Suspected errors were checked with the original strip chart information and appropriate corrections made.

Table 2. Rawinsonde stations participating in the AVE-SESAME V experiment.

Station Number	Location
<u>NWS Stations</u>	
229 (CKL)	Centerville, AL
232 (BVE)	Boothville, LA
235 (JAN)	Jackson, MS
240 (LCH)	Lake Charles, LA
247 (GGG)	Longview, TX
255 (VCT)	Victoria, TX
260 (SEP)	Stephenville, TX
261 (DRT)	Del Rio, TX
265 (MAF)	Midland, TX
270 (ELP)	El Paso, TX
327 (BNA)	Nashville, TN
340 (LIT)	Little Rock, AR
349 (UMN)	Monett, MO
353 (OKC)	Oklahoma City, OK
363 (AMA)	Amarillo, TX
365 (ABQ)	Albuquerque, NM
433 (SLO)	Salem, IL
451 (DDC)	Dodge City, KS
456 (TOP)	Topeka, KS
469 (DEN)	Denver, CO
532 (PIA)	Peoria, IL
553 (OMA)	Omaha, NE
562 (LBF)	North Platte, NE
<u>Special Stations</u>	
020 (ADA)	Ada, OK
021 (LTS)	Altus, OK
022 (CAN)	Canadian, TX
023 (CHE)	Cheyenne, OK
024 (CHK)	Chickasha, OK
025 (CDS)	Childress, TX
026 (CSM)	Clinton Sherman, OK
027 (EMC)	Elmore City, OK
028 (FSI)	Ft. Sill, OK
029 (GAG)	Gage, OK
030 (HEA)	Healdton, OK
031 (HEN)	Hennessey, OK
032 (HNT)	Hinton, OK
033 (TVY)	KTVY, OK
034 (MTV)	Mountain View, OK
035 (OUN)	Norman, OK
036 (SEL)	Seiling, OK
037 (SHM)	Shamrock, TX
038 (SUD)	Stroud, OK
039 (SPS)	Wichita Falls, TX



a. NWS rawinsonde stations



b. Special rawinsonde stations

Fig. 1. Location of rawinsonde stations participating in the AVE-SESAME V experiment.

The final data set of the AVE-SESAME V experiment consists of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while winds were computed from the available 30- or 60-s interval angle data by means of centered finite differences, and subsequently interpolated to each contact or 25-mb level.

The following procedures were employed in the processing of these data. These procedures differ from those described by Fuelberg (1974).

(1) Humidity values, including dew-point temperatures, were computed only at temperatures above -40°C ; at temperatures below -40°C , humidity values are missing and are indicated by a field of nines (i.e., 99.9). Moisture values were computed if the relative humidity exceeded 1%. If the value was below 1%, it was set equal to 1% and used in the computation of other moisture variables.

(2) Winds based on low elevation angles are denoted by asterisks. One asterisk denotes angles less than 10° but greater than 6° , while two asterisks denote angles less than 6° . Caution must be exercised in the use of data at low elevation angles since it is subject to rather large rms errors.

(3) Wind direction and speed were determined for 25-mb levels by interpolating contact values of the u- and v-components.

In processing the data, only those corrections were made that were known to be valid or were provided by NSSL.

4. Discussion of Sounding Data

4.1 Accuracy Estimates. Estimates of the rms errors in the wind and thermodynamic quantities of the AVE-SESAME V data are the same as those for all previous AVEs and are given by Fuelberg (1974). The error estimates for thermodynamic variables are presented in Table 3.

The rms errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. Maximum rms errors for winds (speed and direction) computed at 30-s intervals (based on the worst geometric tracking configuration) for 10 and 40 degree elevation angles are presented in Table 4. The accuracy of the wind data at pressure contacts and at 25-mb intervals is greater than that stated for

Table 3. Estimates of the rms errors in thermodynamic quantities of AVE-SESAME V.

Parameter	Approximate RMS Error
Temperature	0.5°C (Fuelberg's value is 1°C)
Pressure	1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb.
Humidity	10 percent
Pressure Altitude	10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb.

Table 4. Estimates of rms errors in AVE-SESAME V wind data.

Pressure	RMS errors (m s^{-1}) in speed		rms errors (deg) in direction	
	10 deg el.	40 deg el.	10 deg el.	40 deg el.
700	2.5	0.5	9.5	1.3
500	4.5	0.8	13.4	1.8
300	7.8	1.0	18.0	2.5

the 30-s winds because of the added smoothing and interpolation performed. In addition, the errors stated for the 30-s wind were maxima for the stated conditions.

4.2 Tabulated Data. An example of AVE-SESAME V contact data is given in Table 5, with the explanation of column headings in Table 6. The first line of data for the time 0.0 minutes is surface data. A series of nines is used to indicate missing data. The three numbers in the upper right-hand corner are the number of pressure levels computed, the minimum pressure obtained (mb), and an angle identifier with the value 0 for 30-s angle input and 1 for 1-min angle input. The contact and 25-mb data are available in paper form or on magnetic tape from the Space Sciences Laboratory, Atmospheric Sciences Division (ES84), George C. Marshall Space Flight Center, Alabama 35812.

The contact data interpolated to 25-mb intervals are presented in Appendix I. The column headings are identical to those used for the contact data and are described in Table 6. The soundings are arranged by station number and appear in ascending order by time for each station. National Weather Service stations are presented first, followed by special stations. The first line of each sounding is surface data, followed by data from 1000 to 25 millibars (or to termination) successively. For the 25-mb levels where the pressure is greater than the surface pressure, missing data (nines) are indicated for each quantity. This is also done for 25-mb levels above the sounding termination point.

A listing of those soundings that were missing or were terminated before completion is given in Table 7 along with the reason for early termination.

4.3 Soundings with Abnormal Characteristics. Sounding data collected during the AVE-SESAME V experiment were generally found to be of good quality following processing and rigorous error checking. Nevertheless, some discrepancies were observed in some soundings which may have resulted from undetected errors. In most cases these discrepancies were observed in computations of geopotential height. A list of these soundings along with an explanation of the questionable data for each sounding is presented in Table 8. These soundings interpolated to 25-mb intervals are presented in Appendix II; they should be carefully considered before use. It should

Table 5. Example of contact sounding data for AVE-SESAME V.

STATION NO. 229 CENTERVILLE, ALABAMA													
20 MAY 1979													
1107 GMT													
TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCY
0.3	6.8	140.0	999.4	17.5	16.4	250.0	3.1	2.9	1.1	290.7	321.0	11.8	93.0
3.1	7.0	152.0	998.0	18.3	17.4	281.5	14.6	14.3	-2.9	291.7	324.2	12.7	94.5
0.4	8.0	247.6	987.0	19.8	17.9	281.5	14.6	14.3	-2.9	294.1	328.3	13.2	88.6
0.7	9.0	344.8	976.0	21.1	16.9	281.6	13.8	13.5	-2.8	296.4	329.2	12.5	76.6
1.0	13.0	443.3	965.0	21.8	16.6	281.7	12.6	12.3	-2.6	298.0	330.8	12.4	72.1
1.4	11.0	543.0	954.0	21.4	15.5	282.3	11.1	10.9	-2.4	298.5	329.6	11.7	69.3
1.7	12.0	643.6	943.0	20.5	14.5	282.7	9.9	9.7	-2.2	298.6	328.2	11.1	68.5
2.0	13.0	735.9	933.0	19.8	14.0	283.1	8.6	8.4	-2.0	298.9	327.9	10.9	69.1
2.4	14.0	838.2	922.0	19.4	13.8	286.0	7.0	6.7	-1.9	299.4	328.5	10.9	70.1
2.7	15.0	932.1	912.0	18.8	14.2	287.4	6.3	6.0	-1.9	299.7	329.8	11.3	74.8
3.0	16.0	1036.4	901.0	17.7	14.3	288.3	6.0	5.7	-1.9	299.7	330.4	11.5	80.6
3.3	17.0	1132.0	891.0	16.9	13.0	287.0	5.4	5.1	-1.6	299.8	328.4	10.7	78.1
3.6	19.0	1228.4	881.0	16.3	12.5	285.4	4.9	4.8	-1.3	300.1	328.1	10.4	78.4
4.0	19.0	1325.6	871.0	15.4	11.0	283.0	5.0	4.9	-1.1	300.2	326.0	9.5	74.8
4.3	23.0	1433.5	860.0	15.0	10.0	286.4	5.2	5.0	-1.5	300.9	325.5	9.0	71.9
4.5	21.0	1532.7	850.0	14.6	9.2	290.0	5.1	4.8	-1.7	301.5	325.1	8.6	69.8
4.9	22.0	1632.9	840.0	14.1	8.3	295.4	4.3	3.9	-1.9	301.9	324.4	8.2	68.1
5.4	23.0	1734.0	830.0	13.3	7.3	289.3	3.4	3.2	-1.1	302.1	323.5	7.8	67.0
5.7	24.0	1836.1	820.0	12.9	5.5	280.5	3.2	3.0	-0.6	302.7	322.0	6.9	60.8
6.1	25.0	1939.1	810.0	11.7	5.3	266.8	3.0	3.0	0.2	302.6	321.8	6.9	64.5
6.4	25.0	2043.2	800.0	11.7	6.2	249.9	2.5	2.3	0.8	303.7	324.4	7.5	68.6
6.9	27.0	2148.5	790.0	10.8	4.9	233.8	2.2	1.6	1.3	303.8	323.1	6.9	67.0
7.2	28.0	2254.6	780.0	9.7	3.7	229.2	2.1	1.6	1.4	303.7	321.7	6.4	66.2
7.6	29.3	2361.9	770.0	9.3	3.0	229.6	1.9	1.4	1.2	304.4	321.8	6.2	64.5
7.9	30.0	2459.3	761.0	8.2	2.4	217.5	1.5	0.9	0.9	304.2	321.2	6.0	66.6
8.2	31.0	2568.6	751.0	7.7	2.4	191.2	0.9	0.2	0.9	304.8	322.0	6.1	69.1
9.7	32.0	2679.1	741.0	6.8	1.4	101.2	1.1	-1.1	0.2	305.0	321.2	5.7	68.2
9.0	33.0	2779.6	730.0	6.6	1.1	82.5	1.8	-1.8	-0.2	305.9	322.0	5.7	67.6
9.4	34.0	2892.6	720.0	5.9	1.4	73.9	2.6	-2.5	-0.7	306.3	323.2	5.9	72.9
9.7	35.0	2995.4	710.0	5.6	0.2	66.9	2.8	-2.5	-1.1	307.1	322.7	5.5	68.3
10.1	36.0	3099.2	700.0	4.4	-6.4	54.8	2.8	-2.3	-1.6	306.8	316.8	3.4	45.4
10.4	37.0	3215.7	690.0	4.0	-7.4	44.8	3.0	-2.1	-2.2	307.7	317.1	3.2	42.8
10.8	38.0	3321.7	680.0	3.4	-7.1	30.0	3.6	-1.8	-3.1	308.1	317.8	3.3	46.0
11.2	39.0	3428.9	670.0	2.9	-6.1	17.9	4.4	-1.3	-4.2	308.7	319.3	3.6	51.5
11.5	40.0	3537.8	660.0	2.2	-4.2	10.7	5.0	-0.9	-4.9	309.2	321.5	4.2	62.4
11.9	41.0	3647.2	650.0	1.7	-3.5	7.6	5.6	-0.7	-5.6	309.8	323.0	4.5	68.3
12.3	42.0	3758.2	640.0	0.7	-3.7	5.2	6.2	-0.6	-6.2	309.9	323.1	4.5	72.4
12.7	43.0	3870.3	630.0	-0.2	-4.4	3.6	6.8	-0.4	-6.8	310.1	322.8	4.3	73.4
13.1	44.0	3983.7	620.0	-0.9	-2.4	2.1	7.5	-0.3	-7.5	310.6	325.5	5.1	89.5
13.5	45.0	4098.4	610.0	-1.7	-4.1	359.2	8.4	0.1	-8.4	311.0	324.4	4.6	83.6
13.9	46.0	4214.5	600.0	-2.3	-6.2	358.7	8.7	0.2	-8.7	311.5	323.3	3.9	74.7
14.2	47.0	4318.8	590.0	-2.8	-7.4	358.5	8.9	0.2	-8.9	312.2	323.0	3.6	70.2
14.6	48.0	4437.6	580.0	-3.9	-8.3	358.5	8.8	0.2	-8.8	312.3	322.6	3.4	71.2
15.0	49.0	4557.7	570.0	-4.5	-7.9	357.7	8.7	0.3	-8.6	312.9	323.6	3.6	77.0
15.4	50.0	4665.8	570.0	-5.2	-9.4	355.0	8.3	0.7	-8.3	313.3	323.1	3.3	72.6

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** 90 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 5. Continued.

STATION ID. 229 CENTERVILLE, ALABAMA													
20 MAY 1979													
1107 GMT													
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT
15.8	51.0	4788.9	570.0	-5.4	-10.3	349.2	7.1	1.5	-7.7	314.5	323.8	3.1	68.1
16.2	52.0	4999.9	562.0	-6.0	-11.6	340.6	7.4	2.5	-7.0	315.0	323.7	2.8	64.5
16.6	53.0	5012.0	554.0	-7.0	-11.6	330.3	7.1	3.6	-6.3	315.1	323.8	2.8	69.7
16.9	54.0	5125.4	546.0	-7.3	-21.9	323.4	7.2	4.3	-5.8	316.1	319.7	1.1	27.3
17.3	55.0	5254.9	537.0	-7.3	-21.9	316.9	7.1	5.0	-5.3	317.6	320.7	1.0	23.4
17.7	56.0	5371.6	529.0	-8.5	-24.6	311.9	7.3	5.2	-4.7	317.5	320.8	1.0	25.7
19.0	57.0	5490.7	521.0	-8.8	-26.6	308.4	6.5	5.1	-4.0	318.6	321.3	0.8	22.0
19.5	58.0	5594.4	514.3	-9.7	-27.5	305.5	6.3	5.6	-4.0	318.7	321.3	0.8	21.6
19.8	59.0	5715.4	506.0	-10.0	-27.8	305.8	7.5	6.2	-4.5	319.8	322.4	0.8	21.6
19.2	60.0	5838.1	498.0	-11.0	-29.6	306.7	8.1	6.5	-4.8	320.1	322.3	0.6	19.6
19.6	61.0	5962.4	490.0	-11.2	-30.5	308.7	7.9	6.2	-4.9	321.2	322.3	0.6	18.6
20.0	62.0	6084.6	482.0	-12.1	-31.1	312.1	7.6	5.6	-5.1	321.7	323.7	0.6	18.6
20.5	63.0	6216.4	474.0	-12.8	-32.3	313.4	7.7	5.6	-5.3	322.3	324.2	0.5	17.6
20.9	64.0	6329.7	467.0	-13.8	-33.1	310.7	8.2	6.2	-5.4	322.5	324.2	0.5	17.6
21.3	65.0	6460.3	459.0	-14.3	-33.5	308.1	8.7	6.8	-5.3	323.4	325.1	0.5	17.8
21.8	66.0	6577.2	452.0	-15.3	-34.3	307.5	9.4	7.5	-5.7	323.6	325.2	0.5	17.8
22.3	67.0	6711.8	444.0	-16.1	-35.0	309.7	10.8	8.3	-6.9	324.2	325.7	0.4	17.8
22.7	68.0	6831.3	437.0	-16.8	-35.0	311.9	12.0	9.0	-8.0	324.8	326.4	0.4	18.9
23.2	69.0	6952.4	430.0	-17.6	-35.7	314.0	13.1	9.4	-9.1	325.3	327.1	0.5	22.9
23.6	70.0	7075.0	423.0	-19.0	-36.5	315.3	13.1	9.2	-9.3	325.7	327.5	0.5	23.9
24.1	71.0	7199.1	416.0	-19.7	-36.5	315.8	12.5	8.7	-9.0	325.7	327.5	0.5	25.2
24.6	72.0	7324.7	409.0	-21.0	-36.9	313.5	13.3	9.7	-9.2	325.6	327.3	0.5	27.3
25.0	73.0	7451.9	402.0	-22.4	-37.9	310.0	14.9	11.4	-9.5	325.5	327.0	0.4	27.7
25.4	74.0	7570.7	395.0	-23.4	-38.0	306.3	16.1	13.0	-9.5	325.7	327.2	0.4	27.3
25.9	75.0	7711.3	399.0	-24.4	-38.6	304.2	17.2	14.2	-9.7	326.2	327.7	0.4	30.9
26.4	76.0	7843.8	391.0	-25.1	-38.8	305.8	18.2	14.7	-10.6	326.8	328.5	0.5	36.1
26.8	77.0	7975.4	374.0	-25.8	-41.0	308.3	18.5	14.6	-11.5	327.7	328.7	0.3	22.4
27.2	78.0	8095.3	353.0	-26.7	-43.3	311.6	18.9	14.4	-12.2	328.0	328.8	0.2	18.6
27.7	79.0	8217.7	361.0	-27.7	-45.3	316.6	19.4	14.5	-12.9	328.6	329.3	0.2	18.6
28.1	80.0	8374.2	351.0	-28.7	-45.1	312.3	19.9	14.7	-13.4	329.0	329.7	0.2	18.7
28.6	81.0	8496.4	349.0	-29.8	-45.5	313.3	21.0	15.3	-14.4	329.2	329.9	0.2	19.8
29.0	82.0	8620.1	342.0	-30.9	-45.0	313.8	23.2	16.7	-16.0	329.2	329.9	0.2	23.5
29.4	83.0	8765.5	335.0	-31.9	-45.7	313.6	24.9	18.0	-17.2	329.9	330.6	0.2	23.6
29.8	84.0	8933.9	329.0	-33.1	-46.4	313.6	25.9	18.8	-17.9	330.0	330.6	0.2	24.5
30.2	85.0	9123.0	323.0	-34.4	-47.3	313.8	26.7	19.3	-18.5	329.9	330.5	0.2	25.3
30.6	86.0	9153.8	317.0	-35.7	-48.3	314.1	27.7	19.9	-19.3	329.8	330.4	0.1	25.8
31.0	87.0	9286.4	311.0	-36.9	-48.2	314.3	29.1	20.9	-20.3	329.9	330.5	0.1	29.4
31.4	88.0	9420.8	305.0	-38.3	-46.9	314.5	30.6	21.9	-21.5	329.9	330.6	0.2	39.1
31.8	89.0	9557.2	299.0	-39.3	-45.7	315.2	31.4	22.1	-22.3	330.2	331.0	0.2	50.1
32.3	90.0	9695.7	293.0	-40.6	-45.9	316.8	31.3	21.4	-22.8	330.4	330.9	99.9	99.9
32.7	91.0	9836.5	287.0	-41.0	-46.0	318.4	30.3	20.1	-22.6	331.8	331.8	99.9	99.9
33.2	92.0	9990.0	281.0	-41.7	-46.9	320.4	29.1	18.6	-22.4	332.8	332.8	99.9	99.9
33.6	93.0	10101.4	276.0	-42.6	-47.0	321.5	28.9	17.0	-22.7	333.1	333.1	99.9	99.9
34.0	94.0	10249.4	270.0	-43.9	-47.9	322.0	28.9	17.8	-22.8	333.4	333.4	99.9	99.9
34.4	95.0	10374.6	265.0	-45.2	-49.9	321.8	27.7	17.1	-21.7	333.3	333.3	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 5. Continued.

STATION NO. 229 CENTERVILLE, ALABAMA														
20 MAY 1979 1107 GMT														
TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM
34.9	96.9	10527.1	259.0	-46.6	99.9	320.3	26.1	16.7	-20.1	333.4	999.9	99.9	999.9	23.1 135.
35.4	97.0	10556.1	254.0	-47.9	99.9	317.5	25.7	17.3	-18.9	333.4	999.9	99.9	999.9	23.9 135.
35.9	98.0	10797.1	249.0	-48.2	99.9	315.6	26.0	18.2	-18.5	338.8	999.9	99.9	999.9	24.5 135.
36.3	99.0	10920.5	244.0	-49.2	99.9	314.2	27.0	19.4	-18.8	335.2	999.9	99.9	999.9	25.3 135.
36.9	100.0	11050.0	239.0	-50.1	99.9	313.7	28.2	20.4	-19.5	335.9	999.9	99.9	999.9	26.1 135.
37.2	101.0	11221.8	233.0	-50.9	99.9	313.1	28.5	20.8	-19.5	337.2	999.9	99.9	999.9	26.8 135.
37.8	102.0	11334.3	229.0	-52.1	99.9	311.2	29.8	22.4	-19.6	337.0	999.9	99.9	999.9	27.8 135.
39.2	103.0	11477.0	224.0	-52.7	99.9	309.5	31.5	24.3	-20.0	338.2	999.9	99.9	999.9	28.6 135.
39.7	104.0	11622.3	219.0	-54.0	99.9	307.9	32.5	25.7	-19.9	338.4	999.9	99.9	999.9	29.5 135.
39.2	105.0	11770.4	214.0	-54.6	99.9	307.5	32.1	25.5	-19.6	338.7	999.9	99.9	999.9	30.5 135.
39.7	106.0	11921.3	209.0	-55.7	99.9	308.5	32.4	25.4	-20.2	340.2	999.9	99.9	999.9	31.4 134.
43.2	107.0	12043.0	205.0	-57.2	99.9	309.5	34.4	26.5	-21.8	339.7	999.9	99.9	999.9	32.4 134.
43.6	108.0	12159.7	203.0	-58.6	99.9	309.7	36.1	27.8	-23.1	340.0	999.9	99.9	999.9	33.3 134.
41.1	109.0	12326.5	196.0	-59.1	99.9	310.7	37.7	28.6	-24.6	341.1	999.9	99.9	999.9	34.4 134.
41.5	110.0	12488.4	191.0	-59.3	99.9	312.4	37.5	27.7	-25.3	343.4	999.9	99.9	999.9	35.3 134.
42.2	111.0	12620.6	187.0	-60.7	99.9	314.8	38.2	27.2	-27.0	343.2	999.9	99.9	999.9	36.4 134.
42.4	112.0	12788.7	182.0	-62.0	99.9	315.3	38.6	27.3	-27.5	343.8	999.9	99.9	999.9	37.4 134.
43.0	113.0	12991.5	179.0	-62.1	99.9	315.2	40.4	28.5	-28.7	345.1	999.9	99.9	999.9	38.7 134.
43.5	114.0	13066.9	174.0	-61.6	99.9	316.3	39.1	27.0	-30.4	345.9	999.9	99.9	999.9	40.1 134.
43.9	115.0	13211.2	170.0	-60.9	99.9	316.3	39.1	27.0	-30.3	352.4	999.9	99.9	999.9	41.0 134.
44.4	116.0	13359.1	166.0	-61.4	99.9	316.6	38.4	26.4	-27.9	353.9	999.9	99.9	999.9	42.1 134.
44.9	117.0	13510.0	162.0	-62.5	99.9	316.8	40.9	28.0	-29.8	358.5	999.9	99.9	999.9	43.3 134.
45.4	118.0	13664.2	158.0	-62.7	99.9	318.2	41.7	27.6	-30.8	359.7	999.9	99.9	999.9	44.6 134.
45.9	119.0	13921.9	154.0	-63.6	99.9	320.2	39.4	25.2	-30.3	357.8	999.9	99.9	999.9	45.8 134.
46.5	120.0	13983.1	150.0	-64.4	99.9	320.3	38.8	24.8	-29.9	359.2	999.9	99.9	999.9	47.2 135.
47.0	121.0	14148.2	146.0	-64.8	99.9	317.4	35.6	24.1	-26.2	361.3	999.9	99.9	999.9	48.4 135.
47.6	122.0	14274.9	143.0	-65.0	99.9	312.3	33.0	24.8	-22.6	363.1	999.9	99.9	999.9	49.5 135.
48.1	123.0	14447.9	139.0	-64.8	99.9	310.7	35.0	26.7	-23.0	365.4	999.9	99.9	999.9	50.6 135.
48.6	124.0	14581.2	136.0	-64.6	99.9	312.3	38.7	28.6	-26.1	365.0	999.9	99.9	999.9	51.6 135.
49.0	125.0	14763.4	132.0	-65.0	99.9	314.5	41.7	29.7	-29.2	371.5	999.9	99.9	999.9	52.7 135.
49.6	126.0	14950.4	128.0	-66.2	99.9	314.9	37.0	26.8	-26.7	372.6	999.9	99.9	999.9	54.1 135.
50.1	127.0	15094.1	125.0	-66.6	99.9	312.1	32.1	23.9	-21.6	373.4	999.9	99.9	999.9	55.2 135.
50.7	128.0	15241.1	122.0	-66.6	99.9	307.5	25.0	19.9	-15.3	377.0	999.9	99.9	999.9	56.2 134.
51.2	129.0	15392.1	119.0	-65.6	99.9	307.4	19.1	15.8	-15.1	381.6	999.9	99.9	999.9	57.4 134.
51.8	130.0	15601.7	115.0	-62.1	99.9	314.2	14.1	10.3	-10.0	391.7	999.9	99.9	999.9	58.4 134.
52.4	131.0	15765.6	112.0	-60.9	99.9	327.1	10.1	5.9	-8.0	397.1	999.9	99.9	999.9	59.9 134.
53.0	132.0	15934.2	109.0	-61.2	99.9	337.2	9.3	3.7	-8.9	399.5	999.9	99.9	999.9	58.2 134.
53.6	133.0	16107.0	105.0	-62.5	99.9	329.0	11.7	6.0	-10.0	400.2	999.9	99.9	999.9	58.6 135.
54.2	134.0	16283.8	103.0	-63.3	99.9	319.4	12.7	8.4	-8.8	402.1	999.9	99.9	999.9	59.0 135.
54.8	135.0	16465.0	100.0	-64.4	99.9	311.8	12.4	9.3	-8.3	403.3	999.9	99.9	999.9	59.5 135.
55.4	136.0	16651.2	97.0	-64.6	99.9	307.2	12.5	10.0	-7.6	405.5	999.9	99.9	999.9	59.9 135.
56.0	137.0	16842.9	94.0	-65.0	99.9	305.3	14.9	12.2	-8.6	409.4	999.9	99.9	999.9	60.4 135.
56.6	138.0	17040.5	91.0	-65.2	99.9	299.9	14.7	12.7	-7.3	415.8	999.9	99.9	999.9	61.0 134.
57.4	139.0	17244.8	88.0	-65.2	99.9	294.1	10.9	9.9	-4.5	416.8	999.9	99.9	999.9	61.5 134.
58.0	140.0	17456.3	55.0	-64.8	99.9	306.7	13.7	11.0	-8.2	421.7	999.9	99.9	999.9	61.9 134.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 5. Concluded.

STATION NO. 229 CENTERVILLE, ALABAMA														
20 MAY 1979 1107 GMT														
TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD CM/KG	RH PCT	RANGE AZ KM DG
58.6	141.0	17675.7	82.0	-64.6	99.9	309.0	8.7	6.8	-5.5	426.5	999.9	99.9	999.9	62.4 134.
59.4	142.0	17820.4	80.0	-65.0	99.9	284.7	1.2	1.2	0.1	429.7	999.9	99.9	999.9	62.4 134.
60.0	143.0	18059.7	77.0	-64.6	99.9	306.5	6.1	4.9	-3.6	434.2	999.9	99.9	999.9	62.6 134.
60.7	144.0	18302.6	74.0	-64.4	99.9	309.2	10.1	7.8	-6.4	439.6	999.9	99.9	999.9	62.9 134.
61.4	145.0	18555.7	71.0	-64.2	99.9	298.1	6.3	5.5	-3.0	445.2	999.9	99.9	999.9	63.3 134.
62.1	146.0	18731.2	69.0	-62.7	99.9	292.9	4.5	4.1	-1.7	452.1	999.9	99.9	999.9	63.5 134.
62.8	147.0	19005.9	66.0	-61.8	99.9	308.9	4.9	3.8	-3.1	459.5	999.9	99.9	999.9	63.7 134.
63.6	149.0	19294.5	63.0	-60.9	99.9	24.7	2.3	-1.0	-2.1	468.1	999.9	99.9	999.9	63.9 134.
64.5	149.0	19495.1	61.0	-60.5	99.9	53.4	4.1	-3.3	-2.5	473.2	999.9	99.9	999.9	63.8 134.
65.4	153.0	19829.6	59.0	-60.2	99.9	63.2	3.3	-3.0	-1.5	480.9	999.9	99.9	999.9	63.9 134.
66.2	151.0	20028.6	56.0	-60.2	99.9	87.9	2.4	-2.4	-0.1	485.7	999.9	99.9	999.9	63.7 134.
67.0	152.0	20372.2	53.0	-60.0	99.9	113.3	5.4	-5.0	2.1	493.9	999.9	99.9	999.9	63.7 134.
67.9	153.0	20614.4	51.0	-56.4	99.9	103.6	5.7	-5.5	1.4	507.7	999.9	99.9	999.9	63.2 135.
68.8	154.0	20998.2	48.0	-57.7	99.9	51.8	1.6	-1.3	-1.0	513.4	999.9	99.9	999.9	63.1 135.
69.8	155.0	21456.3	45.0	-56.7	99.9	31.0	2.6	-1.3	-2.2	525.4	999.9	99.9	999.9	63.1 135.
70.8	156.0	21695.0	43.0	-56.1	99.9	88.2	3.8	-3.8	-0.1	533.9	999.9	99.9	999.9	63.0 135.
71.7	157.0	22156.4	40.0	-54.6	99.9	94.5	5.4	-5.4	0.4	548.7	999.9	99.9	999.9	62.5 135.
72.8	154.0	22495.2	39.0	-54.0	99.9	96.1	7.7	-7.6	0.8	558.5	999.9	99.9	999.9	62.3 136.
74.2	159.0	23113.7	35.0	-53.5	99.9	79.1	8.1	-8.0	-1.5	573.0	999.9	99.9	999.9	61.6 136.
75.5	160.0	23393.4	33.0	-52.3	99.9	83.2	9.0	-8.9	-1.1	586.0	999.9	99.9	999.9	61.5 137.
76.7	161.0	24010.1	30.0	-52.3	99.9	79.9	9.5	-9.3	-1.7	602.2	999.9	99.9	999.9	60.9 137.
78.2	162.0	24693.5	27.0	-51.2	99.9	94.2	11.6	-11.5	0.8	623.7	999.9	99.9	999.9	59.4 138.
79.9	163.0	25137.6	25.0	-47.9	99.9	118.9	15.1	-13.2	7.3	647.0	999.9	99.9	999.9	59.2 139.
81.6	164.0	26043.7	22.0	-46.4	99.9	23.0	3.6	-1.4	-3.3	675.4	999.9	99.9	999.9	59.4 139.
83.5	165.0	27019.8	19.0	-45.7	99.9	310.4	1.5	1.2	-1.0	706.3	999.9	99.9	999.9	59.2 139.
85.7	166.0	27756.0	17.0	-48.0	99.9	332.1	2.1	1.0	-1.9	721.9	999.9	99.9	999.9	60.1 139.
88.4	167.0	27037.9	14.0	-47.5	99.9	4.6	8.9	-0.7	-8.8	765.1	999.9	99.9	999.9	999.9 999.
91.5	169.0	30568.0	11.0	-37.3	99.9	999.9	99.9	99.9	99.9	856.6	999.9	99.9	999.9	999.9 999.

Table 6. Explanation of column headings of tabulated sounding data for the AVE-SESAME V experiment.

TIME (MIN)	Time after balloon release.
CNTCT	Contact number.
HEIGHT (GPM)	Height of corresponding pressure surface in geopotential meters.
PRES (MB)	Pressure in millibars.
TEMP (DG C)	Ambient temperature in degrees Celsius. NOTE: An asterisk indicates that time from release and/or temperature were linearly interpolated.
DEW PT (DG C)	Dew-point temperature in degrees Celsius.
DIR (DG)	Wind direction measured clockwise from true north and is the direction from which the wind is blowing.
SPEED (M/SEC)	Scalar wind speed in meters per second. NOTE: An asterisk indicates that wind quantities are based on an elevation angle that is between 10° and 6° . A double asterisk indicates that the elevation angle is less than 6° .
U COMP (M/SEC)	The E-W wind component, positive toward the east and negative toward the west.
V COMP (M/SEC)	The N-S wind component, positive toward the north and negative toward the south.
POT T (DG K)	Potential temperature in degrees Kelvin.
E POT T (DG K)	Equivalent potential temperature in degrees Kelvin.
MX RTO (GM/KG)	Mixing ratio in grams per kilogram.
RH (PCT)	Relative humidity in percent.
RANGE (KM)	Distance balloon is from release point along a radius vector.
AZ (DG)	Direction toward balloon measured clockwise from true north.

Table 7. Soundings missing or terminated before completion (100 mb) in AVE-SESAME V.

Station	Date/GMT	Explanation	Last Pressure Coded (mb)
Ada, OK (020)	20/2100	Ground equipment failure	243
	20/2200	Balloon burst	769
	21/0000	Icing	455
	21/0300	Balloon burst	153
	21/0600	Balloon burst	162
	21/0900	Icing	774
Altus, OK (021)	20/2100	Balloon burst	555
	21/0300	Balloon burst	135
Canadian, TX (022)	20/2200	Slow ascent aborted to make next release	186
	21/0300	Balloon burst	622
	21/0600	Fading signal	292
	21/0900	Balloon burst	127
Cheyenne, OK (023)	20/1500	Flight equipment failure	139
	20/1800	Lost signal	227
	20/2100	Flight equipment failure	273
	21/0000	Lost signal	296
	21/0300	Icing	742
	21/0600	Missing sounding	-
	21/0900	Terminated 1 contact too soon	102
	21/1200	Fading signal	595
Chickasha, OK (024)	20/2100	Power failure	814
	21/0000	Missing sounding	-
	21/0300	Balloon burst	180
	21/0600	Icing	639
Childress, TX (025)	20/1500	Lost signal	565
	20/2200	Balloon burst	681
	21/0000	Balloon burst	215
	21/0300	Icing	517
Clinton-Sherman, OK (026)	21/0300	Icing	282
	21/0600	Balloon burst	143
Elmore City, OK (027)	20/2100	Icing	458
	21/0000	Forced down by rain	713
	21/0300	Balloon burst	123
	21/0600	Balloon burst	148
	21/0900	Ground equipment failure	179

Table 7. Soundings missing or terminated in AVE-SESAME V, continued.

Station	Date/GMT	Explanation	Last Pressure Coded (mb)
Ft. Sill, OK (028)	20/2100	Balloon burst	374
	20/2200	Balloon burst	732
	21/0600	Balloon burst	647
	21/0900	Fading signal	159
Gage, OK (029)	21/0300	Icing	598
	21/0600	Icing	489
Healdton, OK (030)	21/0000	Icing	846
	21/0300	Balloon burst	127
	21/0600	Balloon burst	146
Hennessey, OK (031)	20/2100	Flight equipment failure	660
	20/2200	Flight equipment failure	375
	21/0300	Balloon burst	128
	21/0600		108
Hinton, OK (032)	20/1200	Missing sounding	-
	20/1800	Missing sounding	-
	20/2100	Lost signal	271
	21/0000	Missing sounding	-
	20/0300	Icing	602
	21/0600	Icing	614
	21/0900	Balloon burst	118
KTVY, OK (033)	20/1200	Lost signal	115
	20/1800	Flight equipment failure	492
	20/2100	Flight equipment failure	547
	21/0000	Missing sounding	-
	21/0300	Balloon burst	172
	21/0600	Balloon burst	186
Mountain View, OK (034)	21/0000	Missing sounding	-
	21/0300	Balloon burst	178
	21/0600	Flight equipment failure	746
	21/1200	Balloon burst	101
Norman, OK (035)	No soundings processed		
Seiling, Ok (036)	21/0000	Icing	615
	21/0300	Icing	541
	21/0600	Icing	463
	21/0900	Icing	555
	21/1200	Ground equipment failure; lost signal	500

Table 7. Soundings missing or terminated in AVE-SESAME V, concluded.

Station	Date/GMT	Explanation	Last Pressure Coded (mb)
Shamrock, TX (037)	21/0000	Balloon burst	578
	21/0300	Fading signal	390
	21/0600	Missing sounding	-
Stroud, OK (038)	20/1200	Flight equipment failure	134
	21/0000	Instrument cut off too early	110
	21/0300	Ground equipment failure	509
	21/0600	Balloon burst	121
	21/0900	Balloon burst	116
Wichita Falls, TX (039)	20/0000	Flight equipment failure	631
	21/0600	Missing sounding	-
Longview, TX (247)	20/1800	Ground equipment failure	113
Midland, TX (265)	21/0000	Leaking balloon	465
	21/0600	Leaking balloon	157
Monett, MO (349)	20/1500	Balloon burst	305
	20/1800	Radiosonde failure	185
	21/0900	Lost signal	229
Oklahoma City, OK (353)	21/0000	Balloon burst	146
	21/0300	Balloon burst	150
	21/0600	Balloon burst	124
	21/0900	Balloon burst	108
Denver, CO (469)	21/0000	Icing	409
	21/1200	Radiosonde failure	117

Table 8. Soundings with abnormal characteristics in AVE-SESAME V.

Station	Date/GMT	Problem
Cheyenne, OK (023)	20/1500	Heights 20 m high at 500 mb, 90 m high at 200 mb.
	20/1800	Heights 20 m high at 500 mb.
	20/2100	Heights 25 m high at 500 mb.
	20/2200	Heights 50 m high at 200 mb.
	21/0000	Heights 60 m high at 500 mb.
Seiling, OK (036)	21/1200	Heights 30 m low at 500 mb, TMQ-5 sensitivity bad.
Victoria, TX (255)	20/1500	Heights 30 m high at 500 mb, 60 m high at 200 mb.
Monett, MO (349)	20/1200	Temperature and heights not representative (30 m high at 500 mb). Sounding taken in thunderstorm.

be noted that calculations of wind velocity from soundings which contain inaccurate geopotential heights are subject to error (Fuelberg, 1974). All other soundings which contain data of high quality are presented in Appendix I.

It was necessary to adjust surface pressures at some of the special stations, due to apparent barometer calibration differences. The corrections, supplied by NSSL, are listed in Table 9.

Table 10 contains a list of soundings that experienced rather large variations in balloon rise rate. The identification of these soundings is somewhat arbitrary but based on variations in the number of pressure contacts per minute. These soundings may have been made in or near thunderstorms. Caution should be exercised in their use.

Table 9. Corrections to surface pressure supplied by NSSL and used in processing the AVE-SESAME V data.

<u>Station</u>	<u>Correction (mb)</u>
Altus, OK (021)	+ 1.4
Cheyenne, OK (023)	+ 0.7
Gage, OK (029)	- 1.8
Hinton, OK (032)	- 0.6
KTVY, OK (033)	+ 1.7
Shamrock, TX (037)	+ 2.5
Wichita Falls, TX (039)	+ 1.7

Table 10. Soundings in AVE-SESAME V with relatively large variations in balloon rise rate.

<u>Station</u>	<u>Date/GMT</u>
Altus, OK (021)	21/0300
Childress, TX (025)	21/0300
Clinton Sherman, OK (027)	20/2100
Wichita Falls, TX (039)	20/2100
Del Rio, TX (261)	21/0900
Del Rio, TX (261)	21/1200
Nashville, TN (327)	21/0600
Little Rock, AR (340)	21/0600
Monett, MO (349)	20/1200
Amarillo, TX (363)	21/0600

After all processing was completed, one sounding was found to have an error in the date. The 0300 GMT sounding at Oklahoma City (353) is dated 21 April 1979, rather than 21 May. This error is also included in the data tapes. The error does not affect the validity of the sounding in any way.

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APPENDIX I
AVE-SESAME V Sounding Data
of Unquestionable Validity
Presented at 25-mb Intervals

STATION NO. 229
CENTERVILLE, ALABAMA

20 MAY 1979
1107 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	140.0	999.4	17.5	16.4	250.0	3.1	2.9	1.1	290.7	321.0	11.8	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	9.1	353.7	975.0	21.2	18.8	281.6	13.5	13.3	-2.7	290.5	329.3	12.5	76.2	0.4	94.
1.5	11.4	579.6	950.0	21.0	15.1	282.4	10.7	10.5	-2.3	290.6	329.1	11.5	69.0	1.0	98.
2.3	13.7	810.2	925.0	19.5	13.9	285.1	7.6	7.3	-2.0	290.3	328.3	10.9	60.9	1.4	100.
3.0	16.1	1045.9	900.0	17.6	14.2	287.5	5.8	5.6	-1.8	290.7	330.2	11.4	60.3	1.7	101.
3.8	18.6	1286.7	875.0	15.8	11.6	285.0	5.1	4.9	-1.3	300.2	326.9	9.9	76.3	2.0	102.
4.6	21.0	1532.7	850.0	14.6	9.2	290.2	4.4	4.5	-1.7	301.5	325.1	8.6	69.8	2.2	102.
5.5	23.5	1785.0	825.0	13.1	6.4	283.7	3.4	3.3	-0.8	302.4	322.8	7.4	63.9	2.4	103.
6.4	26.0	2043.2	800.0	11.7	6.2	250.5	2.4	2.4	0.9	303.7	324.4	7.5	68.6	2.6	103.
7.4	28.5	2308.2	775.0	9.5	3.3	228.0	1.9	1.4	1.3	304.0	321.7	6.3	65.3	2.7	100.
8.2	31.1	2579.7	750.0	7.6	2.3	165.7	1.7	-0.3	1.2	304.8	321.9	6.0	60.0	2.7	99.
9.3	33.7	2858.7	725.0	6.1	1.3	77.9	2.2	-2.2	-0.5	308.2	322.8	5.8	71.3	2.6	99.
10.2	36.4	3145.8	700.0	4.2	-0.8	50.7	3.0	-2.3	-1.9	307.2	316.9	3.3	44.4	2.5	101.
11.2	39.1	3441.0	675.0	2.8	-5.9	19.3	4.0	-1.5	-4.2	308.8	319.6	3.7	52.7	2.4	106.
12.3	41.9	3745.8	650.0	0.8	-3.6	5.8	6.1	-0.6	-6.1	302.9	323.1	4.5	71.9	2.5	113.
13.4	44.7	4060.2	625.0	-1.4	-3.5	0.6	8.0	-0.1	-8.0	310.8	324.8	4.7	85.5	2.7	123.
14.4	47.6	4384.8	600.0	-3.4	-7.9	358.4	8.8	0.2	-8.8	312.2	322.8	3.5	70.7	3.0	131.
15.6	50.4	4720.5	575.0	-5.3	-8.8	351.1	8.1	1.2	-8.0	313.8	323.4	3.2	70.6	3.5	136.
16.8	53.5	5062.7	550.0	-7.2	-17.3	328.0	7.3	3.9	-6.2	315.8	321.8	2.0	48.5	4.0	141.
17.8	56.5	5430.7	525.0	-8.6	-25.6	310.7	6.9	5.2	-4.5	318.0	321.0	0.9	23.8	4.4	141.
19.1	59.8	5807.4	500.0	-10.7	-29.2	307.0	7.7	6.1	-4.6	320.0	322.3	0.7	20.1	5.0	139.
20.4	62.9	6200.4	475.0	-12.7	-32.2	311.3	7.9	5.9	-5.2	322.2	324.1	0.5	17.7	5.6	138.
21.9	66.3	6610.8	450.0	-15.5	-34.5	309.3	10.8	7.7	-4.3	323.7	325.3	0.4	17.8	6.3	137.
23.5	69.7	7039.9	425.0	-18.6	-36.3	314.2	12.7	9.1	-8.9	325.1	326.8	0.5	23.8	7.4	136.
25.1	73.3	7483.7	400.0	-22.7	-38.2	309.1	15.1	11.7	-9.3	325.5	327.1	0.4	27.6	8.7	136.
26.7	76.9	7959.1	375.0	-25.7	-40.2	307.9	18.4	14.5	-11.3	327.6	328.7	0.3	24.4	10.4	134.
29.4	80.7	8455.6	350.0	-29.4	-45.4	312.8	21.3	15.6	-14.4	329.1	329.8	0.2	19.4	12.3	134.
30.1	84.7	8980.0	325.0	-33.9	-47.0	313.8	26.5	19.1	-18.4	329.9	330.5	0.2	25.1	14.7	134.
31.7	89.8	9534.5	300.0	-39.2	-45.9	315.7	30.5	21.3	-21.8	330.2	330.9	0.2	48.3	17.6	134.
33.7	93.2	10126.1	275.0	-42.8	-49.9	320.7	28.8	18.2	-22.3	332.2	330.9	99.9	99.9	21.1	135.
35.7	97.8	10760.9	250.0	-48.1	-49.9	316.7	26.8	18.4	-19.5	334.5	330.9	99.9	99.9	24.4	135.
38.1	102.8	11448.5	225.0	-52.6	-49.9	310.2	39.7	23.4	-19.8	337.9	330.9	99.9	99.9	28.4	135.
40.6	105.0	12199.7	200.0	-58.6	-49.9	310.5	35.6	27.1	-23.1	348.0	330.9	99.9	99.9	33.3	134.
43.4	113.8	13031.8	175.0	-61.7	-49.9	315.7	39.8	27.8	-28.5	348.1	330.9	99.9	99.9	39.8	134.
46.5	120.0	13983.1	150.0	-64.4	-49.9	316.3	38.2	26.4	-27.6	359.2	330.9	99.9	99.9	47.2	135.
50.1	127.0	15094.1	125.0	-66.6	-49.9	313.7	28.5	20.6	-19.7	374.4	330.9	99.9	99.9	55.2	135.
54.8	135.0	16465.0	100.0	-64.4	-49.9	313.5	12.1	8.8	-8.4	403.3	330.9	99.9	99.9	59.5	135.
60.5	143.7	18221.6	75.0	-64.5	-49.9	314.2	6.5	4.6	-4.5	437.8	330.9	99.9	99.9	62.8	134.
68.2	153.3	20742.3	50.0	-56.8	-49.9	73.6	4.2	-4.0	-1.2	509.6	330.9	99.9	99.9	63.2	135.
79.9	163.0	25197.6	25.0	-47.9	-49.9	99.9	99.9	99.9	99.9	647.0	330.9	99.9	99.9	59.4	138.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

20 MAY 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	140.0	1001.2	23.8	18.3	290.0	3.4	3.4	-1.2	296.7	331.6	13.3	72.0	0.0	0.
0.1	6.9	150.5	1000.0	22.8	17.6	287.3	3.5	3.4	-1.1	296.0	329.5	12.8	72.3	0.1	63.
0.8	9.3	370.4	975.0	20.1	17.2	291.7	5.2	4.8	-1.9	295.4	328.7	12.8	83.3	0.3	113.
1.6	11.6	594.6	950.0	19.4	15.8	294.9	8.9	8.1	-3.8	296.9	328.4	12.0	79.7	0.7	115.
2.5	14.0	824.5	925.0	18.7	14.9	287.8	8.0	7.6	-2.4	298.4	329.4	11.6	78.7	1.2	113.
3.4	16.4	1059.8	900.0	17.0	12.7	280.4	6.4	6.3	-1.1	299.0	326.8	10.4	76.1	1.5	112.
4.2	18.8	1299.9	875.0	15.3	11.0	284.3	4.7	4.6	-1.2	299.7	325.3	9.5	75.6	1.8	102.
5.0	21.3	1545.5	850.0	13.6	9.4	301.8	3.7	3.1	-1.9	300.4	324.3	8.8	75.8	2.0	110.
5.9	23.8	1796.6	825.0	12.0	5.9	283.7	3.3	3.4	-0.8	301.3	320.8	7.1	66.0	2.1	111.
6.8	26.3	2054.1	800.0	10.8	3.6	260.6	5.1	4.9	0.8	302.7	320.2	6.2	61.1	2.4	109.
7.8	28.9	2318.2	775.0	6.9	3.5	252.5	4.7	4.5	1.4	303.4	321.2	6.4	68.5	2.6	105.
8.7	31.4	2589.4	750.0	7.6	0.8	249.7	4.3	4.0	1.5	304.9	320.3	5.4	62.1	2.9	102.
9.6	34.1	2867.9	725.0	5.6	-2.2	238.7	2.1	2.0	1.2	305.6	318.6	4.5	57.0	3.0	100.
10.7	36.7	3154.3	700.0	3.9	-6.1	233.1	1.3	1.0	0.3	306.9	317.1	3.5	47.8	3.0	99.
11.6	39.4	3449.1	675.0	2.4	-6.7	310.9	1.3	1.4	-1.2	308.3	318.6	3.5	51.4	3.1	99.
12.7	42.2	3753.4	650.0	0.6	-6.0	332.4	4.0	1.9	-3.6	309.7	320.9	3.8	61.4	3.2	101.
13.8	45.1	4067.6	625.0	-1.7	-5.7	343.6	6.6	1.9	-6.3	310.6	322.4	4.0	73.6	3.4	107.
15.0	47.9	4391.9	600.0	-3.4	-10.3	346.6	8.3	1.9	-8.0	312.2	321.0	2.9	58.7	3.7	113.
16.2	50.9	4727.4	575.0	-5.5	-10.5	335.5	7.5	3.1	-6.8	313.5	322.7	3.0	68.1	4.1	120.
17.3	53.9	5075.0	550.0	-7.5	-18.9	303.6	6.8	5.6	-3.7	315.2	320.3	1.6	40.8	4.6	125.
18.7	57.0	5436.4	525.0	-8.4	-27.0	285.5	8.6	8.3	-2.3	318.3	321.0	0.8	20.6	5.1	120.
19.9	60.1	5814.6	500.0	-9.3	-29.9	291.8	9.4	8.7	-3.5	321.7	323.9	0.6	16.7	5.6	119.
21.3	63.4	6209.5	475.0	-11.6	-31.7	295.6	10.1	9.1	-4.3	323.6	325.6	0.6	16.9	6.6	118.
22.6	66.7	6621.2	450.0	-15.3	-32.5	302.5	11.7	9.8	-6.3	324.0	325.9	0.5	21.4	7.4	118.
24.1	70.1	7049.6	425.0	-19.3	-33.7	308.3	13.7	10.7	-8.5	324.2	326.0	0.5	26.4	8.5	119.
25.4	73.6	7497.6	400.0	-22.5	-40.7	308.4	17.2	13.5	-10.7	325.8	326.8	0.3	17.1	9.8	121.
26.9	77.3	7968.7	375.0	-25.6	-43.3	307.7	20.7	16.4	-12.7	327.8	328.6	0.2	17.0	11.5	122.
28.7	81.2	8464.4	350.0	-30.1	-47.0	310.6	21.7	16.4	-14.1	328.2	328.7	0.2	17.3	13.6	123.
30.4	85.2	8988.1	325.0	-33.5	-56.9	317.1	21.5	18.7	-15.8	330.6	332.4	0.3	71.1	15.9	125.
32.3	93.3	9546.6	300.0	-37.2	-62.5	323.2	17.9	10.5	-14.1	333.0	334.1	0.3	57.0	18.0	126.
34.2	93.7	10141.9	275.0	-42.3	99.9	319.2	17.4	11.4	-13.2	334.0	999.9	99.9	99.9	19.8	128.
36.1	98.2	10779.3	250.0	-47.0	99.9	311.5	23.8	17.8	-15.7	336.2	599.9	99.9	99.9	22.1	129.
38.4	103.2	11468.2	225.0	-52.7	99.9	314.1	25.8	18.5	-17.9	337.8	999.9	99.9	99.9	25.8	129.
40.8	108.6	12220.6	200.0	-57.8	99.9	311.9	24.6	18.3	-16.5	341.3	999.9	99.9	99.9	29.2	130.
43.7	114.4	13056.1	175.0	-61.0	99.9	309.1	33.4	25.9	-21.1	349.3	999.9	99.9	99.9	34.1	130.
46.7	127.7	14010.5	150.0	-63.3	99.9	320.6	29.2	18.5	-22.5	361.0	999.9	99.9	99.9	40.1	130.
50.1	127.5	15121.6	125.0	-66.9	99.9	320.7	21.6	13.7	-16.7	373.8	599.9	99.9	99.9	45.4	131.
54.2	135.3	16478.6	100.0	-68.6	99.9	308.1	14.0	11.0	-8.7	402.9	999.9	99.9	99.9	49.3	132.
59.7	144.0	18233.7	75.0	-64.9	99.9	326.6	6.5	3.6	-5.4	436.8	999.9	99.9	99.9	52.8	131.
67.2	153.7	20764.3	50.0	-56.0	99.9	70.3	4.6	-4.3	-1.6	511.6	999.9	99.9	99.9	52.6	132.
78.5	163.0	25220.9	25.0	-47.9	99.9	77.6	7.2	-7.0	-1.5	646.9	999.9	99.9	99.9	49.7	136.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
 CENTERVILLE, ALABAMA

TIME MIN	CHTY	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	20 MAY 1979		V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	163 17. 0	
							SPEED M/SEC	U COMP M/SEC						RANGE KM	AZ DG
0.0	7.1	140.0	1000.3	27.7	17.5	290.0	1.5	1.4	-0.5	300.8	334.9	12.8	54.0	0.0	0.
0.0	7.1	142.7	1000.0	27.6	17.5	288.4	1.5	1.4	-0.5	300.8	334.8	12.7	54.1	0.0	2.
0.8	9.5	365.6	975.0	23.6	15.7	233.4	2.8	2.3	1.7	298.9	329.6	11.6	61.2	0.2	73.
1.8	11.6	592.4	950.0	21.9	14.9	248.4	3.3	3.1	1.2	299.4	329.6	11.3	64.6	0.4	63.
2.8	14.2	823.6	925.0	19.6	14.2	247.7	3.4	3.1	1.3	299.4	329.0	11.1	70.9	0.6	67.
3.7	16.6	1059.6	900.0	17.9	14.1	238.9	3.5	3.0	1.8	300.0	330.3	11.3	78.2	0.8	67.
4.6	19.1	1300.4	875.0	16.5	10.4	218.0	3.4	2.1	2.7	300.9	325.6	9.1	67.0	1.0	63.
5.5	21.5	1546.9	850.0	15.0	7.7	219.3	3.9	2.5	3.0	301.8	323.4	7.8	62.1	1.1	57.
6.4	24.1	1799.3	825.0	13.4	3.5	249.0	6.1	6.1	2.4	302.7	319.5	6.0	51.4	1.4	58.
7.2	26.6	2058.1	800.0	11.9	5.0	249.7	6.7	6.2	2.3	303.9	323.1	6.9	62.6	1.7	61.
8.2	29.2	2323.2	775.0	9.7	3.2	254.8	5.7	5.5	1.5	304.2	321.8	6.2	63.9	2.1	62.
9.2	31.8	2555.2	750.0	8.0	-0.2	258.5	5.6	5.7	1.2	305.3	319.7	5.0	55.8	2.4	65.
10.2	34.4	2874.6	725.0	6.9	-5.2	253.8	5.0	4.8	1.4	307.1	317.7	3.6	41.7	2.7	66.
11.3	37.2	3162.2	700.0	5.4	-7.2	255.9	4.4	4.4	1.1	308.5	316.1	3.2	40.0	3.0	67.
12.4	40.0	3458.8	675.0	3.8	-2.3	291.9	5.6	4.6	-1.9	309.9	323.9	4.8	64.5	3.3	69.
13.6	42.8	3765.1	650.0	2.1	-7.3	313.4	5.8	4.2	-4.0	311.3	321.6	3.4	50.0	3.5	74.
14.7	45.6	4080.6	625.0	-0.2	-8.7	325.0	7.7	4.4	-6.3	312.2	321.8	3.2	53.0	3.7	80.
15.9	48.4	4406.2	600.0	-2.3	-11.8	323.3	7.4	4.4	-5.9	313.5	321.4	2.6	47.8	4.0	88.
17.1	51.5	4743.1	575.0	-4.6	-10.9	309.5	6.7	5.2	-4.3	314.7	323.5	2.9	60.9	4.3	93.
18.3	54.6	5092.1	550.0	-5.9	-22.6	299.8	9.7	6.4	-4.8	317.0	320.8	1.2	26.5	4.8	96.
19.6	57.6	5456.5	525.0	-6.7	-31.6	306.0	12.5	10.1	-7.4	320.4	322.2	0.5	11.6	5.7	100.
20.9	60.9	5835.6	500.0	-9.0	-33.2	307.4	12.1	9.6	-7.4	322.1	323.7	0.5	11.8	6.6	104.
22.4	64.1	6230.4	475.0	-11.9	-32.4	315.1	12.3	8.6	-8.7	323.2	325.0	0.5	16.3	7.5	108.
23.8	67.6	6641.2	450.0	-15.6	-32.8	319.9	13.1	9.7	-11.6	323.6	325.5	0.5	21.1	8.5	112.
25.3	71.0	7069.5	425.0	-18.5	-44.1	318.5	18.0	11.9	-13.5	325.2	325.9	0.2	8.4	9.8	116.
27.0	74.7	7519.0	400.0	-21.2	-46.3	311.7	20.1	15.2	-13.5	327.4	328.0	0.1	8.3	11.7	119.
28.6	78.4	7991.8	375.0	-24.8	-49.0	313.3	20.4	14.8	-14.0	328.7	329.2	0.1	8.4	13.7	121.
30.3	82.3	8488.9	350.0	-29.4	-46.1	316.1	18.2	12.6	-13.1	329.1	329.8	0.2	18.9	15.7	123.
32.0	86.3	9015.3	325.0	-32.4	-37.7	320.1	12.1	7.7	-9.2	332.0	333.7	0.5	59.1	17.2	124.
34.0	90.7	9573.9	300.0	-37.3	-42.6	318.0	10.2	6.9	-7.6	332.8	333.9	0.3	57.2	18.3	125.
36.0	95.2	10168.9	275.0	-42.0	99.9	305.1	14.3	12.1	-6.5	334.4	999.9	99.9	999.9	19.7	125.
37.9	99.8	10807.5	250.0	-46.1	99.9	313.9	23.0	16.6	-16.0	337.5	999.9	99.9	999.9	21.9	125.
40.2	105.0	11500.3	225.0	-51.4	99.9	325.6	23.9	14.6	-21.4	339.8	999.9	99.9	999.9	25.2	128.
42.4	110.3	12256.7	200.0	-56.1	99.9	323.6	28.7	17.0	-23.1	344.0	999.9	99.9	999.9	29.8	130.
45.0	116.2	13093.5	175.0	-61.8	99.9	321.3	32.3	20.2	-25.2	348.0	999.9	99.9	999.9	33.2	132.
47.9	122.7	14042.0	150.0	-63.7	99.9	324.8	31.8	18.3	-26.0	360.3	999.9	99.9	999.9	38.8	133.
50.9	129.7	15152.9	125.0	-64.8	99.9	306.0	23.3	18.6	-13.7	377.8	999.9	99.9	999.9	43.7	134.
54.8	137.7	16510.5	100.0	-62.2	99.9	293.1	17.2	15.8	-6.7	407.5	999.9	99.9	999.9	48.3	132.
60.1	147.0	18272.0	75.0	-65.3	99.9	347.7	7.4	1.6	-7.2	435.9	999.9	99.9	999.9	51.6	131.
67.3	156.3	20810.0	50.0	-57.3	99.9	90.7	5.3	-5.3	0.1	508.5	999.9	99.9	999.9	51.0	133.
79.2	166.0	25298.0	25.0	-46.1	99.9	76.4	8.5	-0.5	-0.1	652.3	999.9	99.9	999.9	46.6	135.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 289
CENTERVILLE, ALABAMA

20 MAY 1979
2015 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	140.0	998.9	29.5	18.3	240.0	4.1	3.6	2.1	302.8	338.8	13.4	51.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	9.3	358.2	975.0	25.0	16.1	236.4	5.0	4.2	2.8	300.4	332.2	11.9	57.6	0.2	71.
1.1	11.6	582.3	950.0	23.8	15.6	234.0	5.0	4.0	2.9	301.3	333.2	11.9	60.3	0.4	65.
1.8	14.0	814.8	925.0	21.0	14.0	230.2	4.8	3.7	3.1	300.8	330.3	11.0	64.2	0.6	59.
2.8	16.5	1051.8	900.0	19.0	14.0	233.8	4.8	3.9	2.8	301.1	331.4	11.3	72.8	0.8	57.
4.0	19.0	1293.2	875.0	16.4	13.3	231.6	5.2	4.1	3.3	300.9	330.7	11.1	81.8	1.2	56.
5.0	21.5	1539.8	850.0	14.5	11.6	246.6	5.1	5.4	2.3	301.4	329.0	10.2	82.5	1.5	56.
5.9	23.0	1791.9	825.0	12.7	9.7	260.3	5.0	5.5	0.9	302.0	327.2	9.2	81.8	1.9	60.
7.0	26.6	2050.0	800.0	10.8	8.0	252.9	5.5	5.3	1.6	302.7	325.9	8.5	82.7	2.2	62.
8.1	29.2	2314.9	775.0	10.1	7.3	253.1	6.2	5.9	1.8	304.7	322.4	6.3	82.5	2.5	64.
9.1	31.8	2587.1	750.0	8.5	0.1	253.3	6.2	5.9	1.8	305.6	320.6	5.2	55.6	2.9	65.
10.1	34.5	2866.9	725.0	7.7	-3.7	267.8	5.3	5.3	0.2	307.9	319.7	4.0	44.4	3.3	66.
11.2	37.2	3153.9	700.0	6.5	-2.8	298.2	5.4	4.8	-2.6	309.7	322.9	4.5	52.2	3.5	69.
12.2	40.0	3453.6	675.0	4.7	-6.6	313.3	7.4	5.4	-5.1	310.9	321.2	3.4	43.6	3.7	74.
13.3	42.8	3760.0	650.0	1.9	-8.7	318.2	9.1	6.0	-6.8	311.2	320.4	3.1	45.2	4.0	81.
14.5	45.7	4075.1	625.0	-0.6	-11.5	315.3	9.6	6.7	-6.8	311.8	319.5	2.5	43.5	4.4	89.
15.7	48.6	4401.0	600.0	-1.9	-10.8	307.1	10.2	8.1	-6.1	313.9	322.6	2.8	50.5	5.0	94.
17.0	51.6	4737.9	575.0	-4.2	-15.2	308.9	10.6	6.2	-6.6	315.1	321.5	2.0	41.7	5.7	98.
18.2	54.6	5087.2	550.0	-5.7	-24.2	316.2	11.0	7.6	-7.9	317.4	320.6	1.0	21.5	6.3	103.
19.6	57.8	5450.6	525.0	-7.1	-34.3	305.2	10.4	8.5	-6.0	319.9	321.3	0.4	9.6	7.1	106.
21.0	61.0	5829.3	500.0	-9.6	-36.1	295.2	10.7	9.7	-4.5	321.3	322.6	0.3	9.3	8.0	107.
22.3	64.3	6224.2	475.0	-11.7	-30.7	303.0	11.6	9.8	-6.3	323.5	325.6	0.6	18.8	8.8	108.
23.7	67.6	6635.8	450.0	-15.0	-30.0	305.8	14.8	12.0	-8.6	324.4	326.8	0.7	26.7	9.9	110.
25.4	71.1	7066.1	425.0	-17.6	-30.3	305.6	16.3	13.5	-9.6	326.4	328.9	0.7	32.0	11.4	113.
27.0	74.7	7516.3	400.0	-22.0	-28.7	300.3	17.1	15.1	-8.8	326.5	329.5	0.9	54.2	13.0	114.
28.7	78.4	7987.9	375.0	-25.5	-30.8	300.4	15.8	13.7	-8.0	327.9	330.6	0.8	60.5	14.7	114.
30.4	82.2	8485.3	350.0	-28.5	-34.7	308.1	15.7	12.4	-9.7	330.3	332.4	0.6	54.9	16.2	115.
32.3	86.2	9013.9	325.0	-31.2	-39.1	310.5	18.1	14.0	-12.0	333.6	335.1	0.4	45.6	18.0	117.
34.3	90.3	9578.6	300.0	-35.1	-43.4	306.9	22.3	18.2	-13.7	338.0	337.0	0.3	42.0	20.5	118.
36.3	94.8	10177.0	275.0	-39.8	99.9	313.9	23.2	16.7	-16.0	337.5	999.9	99.9	999.9	23.3	120.
38.5	99.4	10920.4	250.0	-45.6	99.9	319.3	25.3	16.5	-19.2	338.3	999.9	99.9	999.9	26.3	125.
40.8	104.4	11513.6	225.0	-51.7	99.9	310.0	28.4	21.8	-18.3	339.3	999.9	99.9	999.9	29.9	124.
43.3	109.6	12266.8	200.0	-57.7	99.9	310.6	32.4	24.6	-21.1	341.4	999.9	99.9	999.9	34.3	124.
46.1	115.4	13098.6	175.0	-63.4	99.9	310.9	33.5	25.3	-21.9	345.3	999.9	99.9	999.9	39.9	125.
49.0	121.7	14043.7	150.0	-63.4	99.9	325.8	28.6	16.1	-23.7	360.9	999.9	99.9	999.9	44.9	127.
52.4	128.7	15143.4	125.0	-67.5	99.9	305.9	26.4	21.3	-15.5	372.6	999.9	99.9	999.9	50.5	128.
56.7	136.7	16504.4	100.0	-61.6	99.9	297.2	17.1	15.2	-7.8	408.0	999.9	99.9	999.9	56.2	127.
62.4	146.0	18244.6	75.0	-63.9	99.9	291.4	6.3	6.0	-2.4	439.0	999.9	99.9	999.9	59.4	126.
69.7	150.0	20803.9	50.0	-57.3	99.9	139.4	4.8	-3.1	3.6	508.5	999.9	99.9	999.9	59.3	126.
81.3	160.5	25288.1	25.0	-47.7	99.9	31.9	5.6	-24.9	-4.7	647.9	999.9	99.9	999.9	56.3	128.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
 CENTERVILLE, ALABAMA

 20 MAY 1979
 2315 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DG K	E POT Y DG K	MX RYD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.9	140.0	998.1	28.4	17.3	230.0	3.1	2.8	2.3	301.7	335.5	12.6	51.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.8	9.1	348.7	975.0	25.1	16.4	225.5	6.2	4.4	4.4	300.5	331.9	12.1	58.3	0.3	52.
1.8	11.5	574.5	950.0	22.9	15.2	242.6	6.9	5.7	3.0	302.4	331.4	11.6	62.0	0.7	54.
2.7	13.8	806.5	925.0	20.6	14.4	246.6	6.2	5.6	2.4	300.4	330.7	11.3	67.6	1.0	58.
3.7	16.2	1043.2	900.0	18.5	13.8	250.5	5.1	4.8	1.7	300.6	330.5	11.2	74.4	1.3	60.
4.6	19.6	1284.7	875.0	16.6	12.0	252.9	4.7	4.5	1.4	301.0	328.4	10.1	74.2	1.6	63.
5.6	21.1	1531.2	850.0	14.2	11.7	256.0	4.7	4.6	1.1	301.0	328.7	10.2	84.8	1.9	64.
6.5	23.6	1783.2	825.0	12.1	10.2	260.2	4.9	4.8	0.8	301.4	327.4	9.6	88.0	2.1	66.
7.4	26.0	2041.0	800.0	11.1	8.4	267.1	5.2	5.2	0.3	303.0	327.0	8.7	83.5	2.4	68.
8.4	28.6	2305.6	775.0	8.9	6.6	268.3	6.1	6.0	0.2	303.3	325.3	7.9	85.7	2.7	70.
9.1	31.1	2578.9	750.0	7.2	5.2	266.7	6.3	6.6	0.4	304.5	325.3	7.5	87.1	3.0	72.
10.2	33.8	2856.0	725.0	6.9	-4.9	264.8	6.2	6.1	0.6	307.0	317.9	3.7	42.8	3.4	74.
11.3	36.4	3144.1	700.0	6.1	-5.5	262.9	6.7	6.5	-1.5	309.2	320.0	3.6	43.3	3.7	75.
12.4	39.1	3441.0	675.0	4.3	-8.4	301.7	8.0	6.8	-4.2	310.5	319.5	3.0	38.9	4.1	80.
13.6	41.9	3746.9	650.0	1.9	-10.2	303.3	8.3	6.8	-4.8	311.1	319.3	2.7	40.1	4.6	85.
14.8	44.8	4062.5	625.0	-0.4	-13.6	305.1	8.3	6.5	-5.3	312.0	326.0	4.7	78.9	5.0	90.
16.0	47.6	4382.1	600.0	-2.7	-10.4	310.1	9.7	7.4	-6.2	313.0	321.9	2.9	55.9	5.5	94.
17.1	50.6	4724.4	575.0	-4.8	-14.1	312.4	9.9	7.3	-6.7	314.4	321.3	2.2	48.1	6.1	98.
18.4	53.5	5073.8	550.0	-6.7	-18.9	303.5	9.5	7.9	-5.3	317.5	321.9	1.4	29.7	6.7	101.
19.6	56.5	5437.7	525.0	-9.1	-29.2	301.1	12.0	10.3	-6.2	320.4	322.1	0.5	11.0	7.4	103.
20.9	59.6	5817.0	500.0	-12.2	-23.6	303.5	15.1	12.6	-8.3	322.6	326.8	1.2	37.5	8.2	104.
22.4	62.9	6215.4	475.0	-15.1	-31.8	297.0	18.2	16.2	-8.3	324.3	326.3	0.6	22.3	9.3	107.
23.6	66.1	6622.9	450.0	-18.6	-27.7	292.9	18.2	16.7	-7.1	324.9	328.0	0.9	45.9	10.6	109.
25.6	69.6	7052.3	425.0	-22.5	-28.4	289.1	18.0	17.2	-5.6	325.7	328.9	0.9	58.5	14.4	109.
27.2	73.0	7501.0	400.0	-25.7	-28.0	308.2	18.0	15.6	-9.1	327.6	331.1	1.0	80.9	16.2	110.
28.9	80.4	8469.3	375.0	-27.5	-32.4	316.7	16.7	11.1	-12.6	331.7	334.2	0.7	63.6	18.2	112.
32.9	84.3	8999.2	325.0	-31.4	-40.5	311.4	17.3	13.0	-11.5	335.1	336.1	0.3	39.7	19.8	115.
35.1	88.3	9561.3	300.0	-35.7	-44.2	311.4	17.3	13.0	-12.2	333.5	334.7	0.3	40.6	21.6	117.
37.3	92.7	10159.8	275.0	-41.0	99.9	309.2	22.5	17.4	-14.2	335.9	999.9	99.9	999.9	24.3	118.
39.7	97.2	10800.7	250.0	-46.4	99.9	310.7	27.4	20.8	-17.9	337.6	999.9	99.9	999.9	27.6	120.
42.0	102.0	11490.3	225.0	-52.6	99.9	310.4	39.5	23.2	-19.8	338.0	999.9	99.9	999.9	31.8	121.
44.8	137.0	12240.5	200.0	-58.5	99.9	308.6	38.5	24.5	-18.2	340.2	999.9	99.9	999.9	36.9	122.
47.9	112.6	13070.3	175.0	-43.8	99.9	303.2	34.9	29.2	-19.1	344.7	999.9	99.9	999.9	42.8	123.
51.4	118.7	14009.4	150.0	-64.1	99.9	313.6	28.4	21.3	-20.3	359.7	999.9	99.9	999.9	50.2	123.
55.1	125.3	15111.0	125.0	-69.8	99.9	308.0	21.9	20.6	-13.9	368.7	999.9	99.9	999.9	55.2	124.
59.7	132.7	16470.1	100.0	-61.7	99.9	304.6	16.8	13.8	-9.5	408.5	999.9	99.9	999.9	61.7	123.
65.6	141.0	18227.0	75.0	-62.9	99.9	327.8	5.4	2.9	-4.5	441.2	999.9	99.9	999.9	65.4	124.
73.7	150.7	20766.4	50.0	-57.5	99.9	333.4	3.5	1.6	-3.1	508.6	999.9	99.9	999.9	65.2	124.
86.4	161.0	25241.4	25.0	-49.9	99.9	999.9	99.9	99.9	99.9	641.3	999.9	99.9	999.9	61.0	127.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA
21 MAY 1979
215 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	140.0	996.9	23.6	17.8	220.0	3.1	2.0	2.4	297.0	331.2	13.0	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	9.2	335.7	975.0	25.4	16.3	210.0	7.5	3.8	6.5	300.7	333.0	12.1	57.2	0.3	27.
1.7	11.5	563.4	950.0	22.9	13.3	213.2	8.4	4.6	7.0	300.4	329.6	10.9	58.3	0.8	29.
2.7	13.9	795.2	925.0	20.9	13.2	220.6	8.5	5.5	6.5	300.7	328.7	10.4	61.4	1.3	32.
3.6	16.3	1031.6	900.0	19.3	10.4	227.8	7.1	5.4	4.9	301.4	325.5	8.9	56.5	1.7	35.
4.6	19.6	1273.7	875.0	17.4	9.0	232.3	4.1	3.3	2.6	301.9	324.7	8.3	57.7	2.1	38.
5.5	21.1	1521.0	850.0	15.9	7.4	256.2	2.4	2.4	0.6	302.8	324.0	7.7	57.0	2.2	39.
6.5	23.5	1774.5	825.0	15.2	2.7	264.9	4.1	3.9	0.3	304.6	320.9	5.8	43.8	2.3	42.
7.5	26.0	2034.4	800.0	13.8	-1.4	258.9	5.7	5.6	1.1	305.9	318.3	4.3	34.9	2.6	46.
8.6	29.6	2301.7	775.0	13.2	-2.2	262.6	6.3	6.5	0.8	308.0	318.6	3.6	29.4	2.9	51.
9.6	31.1	2576.4	750.0	11.4	-3.5	276.4	7.2	7.1	-0.8	309.0	320.6	3.9	34.9	3.3	55.
10.7	33.7	2858.9	725.0	9.7	-4.5	300.7	8.9	7.6	-4.5	310.1	321.3	3.8	36.4	3.6	61.
11.8	36.4	3148.8	700.0	6.9	-7.7	313.9	10.4	7.5	-7.2	310.1	319.4	3.1	34.5	3.9	70.
12.9	39.1	3446.5	675.0	4.9	-8.0	316.9	10.3	7.2	-7.7	311.2	320.6	3.1	39.1	4.2	90.
14.1	41.9	3733.2	650.0	2.1	-8.4	316.2	10.2	7.1	-7.4	311.3	328.1	5.7	83.8	4.6	87.
15.2	44.7	4069.1	625.0	-0.1	-9.5	309.0	9.4	7.3	-5.9	312.3	326.3	4.7	77.7	5.1	93.
16.6	47.6	4395.4	600.0	-1.5	-11.3	308.7	9.8	7.6	-6.1	314.4	322.7	2.7	47.2	5.8	97.
17.9	50.5	4733.3	575.0	-3.8	-10.8	322.4	11.8	7.2	-9.4	315.5	324.6	2.9	58.4	6.5	101.
19.2	53.5	5082.6	550.0	-6.9	-9.7	334.4	13.4	5.8	-12.1	315.9	326.2	3.4	81.0	7.2	107.
20.5	56.6	5444.7	525.0	-8.6	-11.0	336.7	13.6	5.4	-12.5	318.1	327.9	3.2	83.4	7.9	113.
21.9	59.8	5822.9	500.0	-9.8	-10.6	329.7	12.3	6.2	-10.6	321.1	329.0	2.5	67.7	8.7	118.
23.4	63.0	6217.9	475.0	-11.6	-16.6	315.7	12.4	8.7	-8.9	323.7	330.7	2.2	65.9	9.7	121.
24.9	66.3	6630.5	450.0	-14.6	-18.6	308.2	13.5	10.6	-8.4	324.9	331.3	2.0	71.3	10.9	122.
26.7	69.7	7061.6	425.0	-16.8	-22.9	309.0	12.4	9.6	-7.8	327.4	332.2	1.4	59.2	12.3	122.
29.5	73.1	7514.4	400.0	-19.7	-27.0	318.3	12.1	8.0	-9.0	329.5	333.1	1.0	51.9	13.5	123.
30.2	76.9	7951.4	375.0	-22.6	-39.2	319.2	15.9	10.4	-12.0	331.7	332.9	0.3	20.3	14.9	125.
32.0	80.6	8493.5	350.0	-27.0	-40.0	317.7	16.5	11.1	-12.2	333.3	333.5	0.3	27.9	16.6	126.
33.9	84.5	9022.8	325.0	-31.4	-40.3	313.2	18.9	13.7	-12.9	333.4	334.6	0.3	41.0	18.6	128.
36.1	88.7	9584.0	300.0	-36.3	-42.6	303.9	22.0	18.2	-12.3	334.2	335.3	0.3	51.7	21.2	128.
38.6	93.0	10182.0	275.0	-40.9	-49.9	300.0	26.7	23.1	-13.4	336.0	999.9	99.9	999.9	24.9	127.
41.3	97.5	10823.8	250.0	-46.1	-59.9	298.2	30.9	27.3	-14.6	337.5	999.9	99.9	999.9	29.5	125.
44.2	102.4	11514.4	225.0	-52.6	-69.9	299.7	30.7	26.7	-15.2	337.9	999.9	99.9	999.9	35.1	124.
47.2	107.5	12264.8	200.0	-57.8	-79.9	297.7	30.5	32.4	-17.0	341.2	999.9	99.9	999.9	40.7	124.
50.7	113.2	13096.9	175.0	-64.2	-99.9	300.5	39.0	33.6	-19.8	343.9	999.9	99.9	999.9	48.9	123.
54.5	119.2	14029.7	150.0	-67.4	-99.9	304.9	32.1	26.3	-18.3	345.0	999.9	99.9	999.9	57.8	123.
59.4	126.0	15138.7	125.0	-67.5	-99.9	293.9	21.2	19.4	-8.6	372.7	999.9	99.9	999.9	62.8	123.
63.5	133.3	16486.6	100.0	-65.8	-99.9	301.8	20.1	17.1	-10.6	400.7	999.9	99.9	999.9	70.0	121.
70.5	142.0	18230.1	75.0	-66.1	-99.9	347.7	6.2	1.3	-6.0	438.3	999.9	99.9	999.9	74.3	122.
80.2	151.7	20786.6	50.0	-58.2	-99.9	347.7	6.2	1.3	-6.0	506.4	999.9	99.9	999.9	73.2	123.
97.1	167.0	25192.6	25.0	-51.1	-99.9	999.9	99.9	99.9	99.9	637.8	999.9	99.9	999.9	67.4	127.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION ID. 229
 CENTERVILLE, ALABAMA

 21 MAY 1979
 504 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	140.0	997.9	22.2	15.8	250.0	2.0	2.4	0.9	295.5	325.5	11.4	67.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	9.1	342.6	975.0	23.5	12.7	254.7	11.1	10.7	2.9	298.8	324.4	9.5	50.9	0.4	65.
1.6	11.5	569.1	950.0	21.9	11.7	248.1	9.1	8.9	3.6	299.5	324.2	9.2	52.1	0.9	68.
2.5	13.9	800.3	925.0	20.0	11.3	245.0	10.1	9.4	4.2	299.7	324.4	9.1	57.4	1.4	68.
3.3	16.4	1036.2	900.0	18.2	10.6	241.6	9.1	8.2	4.4	300.2	324.5	9.0	61.3	1.9	67.
4.3	18.9	1277.0	875.0	16.1	8.0	243.3	9.4	8.5	4.3	300.2	322.8	8.2	61.9	2.4	65.
5.1	21.4	1523.1	850.0	14.3	7.1	252.4	10.3	9.5	3.0	301.1	321.6	7.5	61.9	2.9	66.
6.0	24.0	1774.5	825.0	13.1	1.4	261.5	6.4	6.3	0.9	302.5	317.1	5.2	44.9	3.4	68.
6.9	26.6	2032.8	800.0	11.9	-2.7	270.2	5.0	5.0	-0.0	303.8	315.2	3.9	35.9	3.7	69.
7.9	29.2	2297.7	775.0	9.9	2.8	283.8	4.9	4.7	-1.1	304.5	321.6	6.1	61.1	3.9	71.
8.8	31.8	2576.2	750.0	9.4	-2.5	301.8	5.1	4.3	-2.7	306.8	319.2	4.3	43.3	4.1	73.
9.9	34.4	2850.9	725.0	8.0	-7.4	313.1	5.1	4.1	-3.8	308.2	317.2	3.0	32.6	4.3	77.
11.0	37.2	3130.6	700.0	6.3	-8.7	308.6	5.7	4.5	-3.6	309.5	318.0	2.8	33.1	4.5	81.
12.1	40.0	3436.5	675.0	4.1	-3.3	319.6	5.5	4.3	-3.7	310.3	323.4	4.5	58.5	4.8	84.
13.1	42.8	3742.3	650.0	1.0	-3.1	313.4	6.1	4.6	-4.4	310.1	323.8	4.7	74.0	5.1	87.
14.3	45.7	4057.2	625.0	-0.7	-2.2	311.5	7.3	5.5	-4.8	311.7	327.0	5.2	89.7	5.4	91.
15.4	48.6	4382.5	600.0	-3.0	-8.9	308.1	7.1	5.8	-4.1	312.6	322.5	3.3	63.9	5.8	94.
16.8	51.7	4718.1	575.0	-6.0	-8.2	307.5	6.4	5.0	-3.9	313.0	323.8	3.6	84.5	6.3	96.
18.1	54.8	5065.0	550.0	-8.7	-8.8	313.9	6.9	5.1	-4.7	313.8	324.6	3.6	99.4	6.7	99.
19.4	57.9	5426.5	525.0	-6.7	-31.0	313.4	7.9	5.7	-5.4	320.3	322.2	0.5	12.4	7.2	102.
20.8	61.1	5805.9	500.0	-8.5	-30.3	308.7	8.6	5.7	-3.4	322.6	324.8	0.6	15.3	7.8	104.
22.3	64.4	6202.2	475.0	-10.8	-32.0	293.3	6.3	5.8	-2.5	324.8	326.6	0.5	15.5	8.3	105.
23.7	67.9	6614.9	450.0	-14.2	-27.5	293.1	7.5	6.9	-2.9	325.4	328.4	0.9	31.2	8.9	105.
25.2	71.3	7046.4	425.0	-17.2	-28.2	281.7	9.6	9.4	-1.9	326.9	330.0	0.9	38.1	9.6	105.
26.8	74.9	7498.1	400.0	-20.8	-34.5	276.6	12.6	12.5	-1.5	328.0	329.8	0.5	27.8	10.7	105.
28.6	78.6	7972.6	375.0	-24.5	-32.5	273.3	12.5	12.5	-1.1	329.2	331.5	0.7	47.1	12.1	104.
30.4	82.3	8471.0	350.0	-28.5	-33.4	270.5	11.1	11.1	-0.1	330.4	332.8	0.6	62.5	13.3	103.
32.1	86.3	8977.8	325.0	-32.5	-37.0	275.5	13.8	13.8	-1.3	331.8	333.6	0.5	64.1	14.6	102.
34.3	90.5	9557.0	300.0	-37.0	-41.5	272.3	18.8	18.8	-0.7	333.3	334.5	0.3	62.4	16.5	101.
36.4	95.0	10152.7	275.0	-41.8	-49.9	270.7	23.3	23.1	-2.7	336.7	339.9	99.9	999.9	19.3	100.
38.8	99.6	10791.7	250.0	-47.1	-59.9	283.3	25.1	24.3	-6.2	336.1	339.9	99.9	999.9	22.7	100.
41.2	104.4	11480.5	225.0	-52.7	-59.9	288.5	28.1	26.7	-6.9	337.7	339.9	99.9	999.9	26.4	101.
43.6	109.6	12233.0	200.0	-58.0	-59.9	293.1	38.0	35.0	-14.9	340.9	339.9	99.9	999.9	31.3	102.
46.7	115.4	13055.9	175.0	-65.6	-59.9	298.1	39.9	35.1	-18.8	341.6	339.9	99.9	999.9	38.7	105.
49.9	121.5	13994.4	150.0	-65.6	-59.9	292.9	31.4	28.9	-12.2	357.1	339.9	99.9	999.9	45.0	107.
53.7	128.3	15056.5	125.0	-66.7	-59.9	291.5	24.6	22.9	-9.0	374.3	339.9	99.9	999.9	51.8	107.
58.6	136.0	16435.7	100.0	-65.2	-59.9	312.3	14.6	10.8	-0.8	401.7	339.9	99.9	999.9	57.6	108.
64.7	145.0	18179.9	75.0	-68.6	-59.9	275.6	5.2	5.2	-0.5	435.4	339.9	99.9	999.9	59.5	109.
73.3	155.5	20680.2	50.0	-59.6	-59.9	107.5	5.6	-5.4	1.7	503.0	339.9	99.9	999.9	58.5	109.
67.7	167.0	25111.1	25.0	-50.7	-59.9	99.3	7.1	-7.0	1.2	639.0	339.9	99.9	999.9	52.6	112.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

21 MAY 1979
085 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	140.0	997.7	20.2	16.2	250.0	3.6	3.4	1.2	293.6	324.1	11.8	78.0	0.0	0.
0.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	9.2	339.2	975.0	20.5	14.9	257.0	15.8	15.4	3.6	295.2	324.8	11.0	70.4	0.5	73.
1.6	11.6	564.4	950.0	20.7	13.3	259.3	14.0	13.8	2.6	298.2	325.3	10.2	62.6	1.4	76.
2.5	14.1	754.7	925.0	19.6	11.4	261.9	10.3	10.2	1.4	299.3	324.2	9.2	59.3	2.0	78.
3.4	16.6	1030.0	900.0	17.5	11.0	263.8	10.0	9.9	1.1	299.6	324.5	9.2	65.5	2.6	79.
4.4	19.0	1270.2	875.0	15.8	10.9	266.3	10.1	10.1	0.7	300.2	325.6	9.4	72.6	3.1	80.
5.3	21.5	1515.7	850.0	13.1	9.4	267.4	9.4	9.4	0.4	299.5	323.6	8.8	77.9	3.6	81.
6.1	24.0	1766.4	825.0	11.7	7.0	279.1	7.1	7.4	-1.2	301.0	322.0	7.7	72.9	4.1	82.
7.2	26.7	2023.8	800.0	11.8	-0.0	266.6	7.0	7.0	0.4	303.7	317.4	4.8	44.4	4.5	84.
8.2	29.2	2268.8	775.0	10.4	-2.0	246.8	6.7	5.7	2.4	305.0	317.4	4.3	42.3	4.9	83.
9.4	31.9	2561.7	750.0	9.4	0.8	245.4	5.7	5.1	2.3	308.2	322.4	5.4	55.0	5.3	81.
10.3	34.7	2842.4	725.0	7.7	-1.3	252.0	5.8	5.5	1.8	306.0	321.9	4.8	52.6	5.6	81.
11.3	37.3	3131.0	700.0	6.4	-9.2	259.0	5.2	5.1	1.0	309.4	317.8	2.7	31.8	5.9	80.
12.5	40.2	3428.1	675.0	4.3	-7.0	264.3	5.1	5.1	0.5	310.5	320.5	3.4	43.6	6.3	80.
13.6	43.0	3733.9	650.0	1.6	-2.9	274.0	5.7	5.7	-0.4	310.7	324.7	4.8	72.0	6.6	81.
14.8	45.9	4049.3	625.0	-0.2	-4.9	292.2	6.3	6.0	-2.5	312.3	325.0	4.3	70.5	7.0	82.
16.1	48.9	4374.8	600.0	-2.9	-8.4	293.5	7.1	6.5	-2.8	312.6	323.0	3.4	65.7	7.5	84.
17.4	51.9	4710.7	575.0	-5.8	-7.1	297.8	6.9	6.1	-3.2	313.2	324.9	3.9	90.5	8.0	86.
18.7	55.0	5057.9	550.0	-8.6	-8.6	292.1	6.5	6.0	-2.5	313.9	324.8	3.6	98.5	8.4	88.
19.9	58.1	5418.8	525.0	-7.3	-33.6	284.9	7.9	7.6	-2.0	319.7	321.2	0.4	10.4	8.9	89.
21.4	61.4	5799.7	500.0	-7.9	-20.7	278.8	10.0	9.9	-1.5	323.7	328.2	1.5	34.9	9.7	90.
23.0	64.7	6155.9	475.0	-11.6	-21.6	275.4	11.1	11.1	-1.0	323.4	328.4	1.4	42.9	10.7	91.
24.6	68.1	6607.2	450.0	-15.6	-19.4	276.3	12.2	12.1	-1.3	323.6	329.6	1.8	72.3	11.7	91.
26.0	71.6	7036.8	425.0	-18.1	-20.0	285.3	14.5	14.0	-3.9	325.6	331.8	1.8	85.2	13.0	92.
27.6	75.3	7487.4	400.0	-21.1	-22.9	286.3	12.3	11.8	-3.5	327.6	332.7	1.5	85.3	14.2	94.
29.2	79.0	7961.6	375.0	-24.0	-25.9	274.5	12.5	12.7	-1.0	329.8	334.0	1.2	84.2	15.4	94.
30.9	83.0	8461.7	350.0	-27.7	-31.0	265.7	14.7	14.7	1.1	331.4	334.2	0.8	73.2	16.7	94.
32.7	87.0	8185.8	325.0	-32.2	-36.3	262.6	16.1	16.0	2.1	332.5	334.1	0.5	67.1	18.4	94.
34.8	91.3	9549.2	300.0	-38.8	-39.9	270.9	16.7	16.7	-0.3	333.5	335.0	0.4	72.2	20.4	92.
36.8	95.8	10144.4	275.0	-42.1	-42.1	278.6	18.0	17.8	-2.7	334.2	339.9	9.9	99.9	22.5	92.
39.1	100.5	10781.9	250.0	-47.1	-47.1	281.8	22.3	21.8	-4.5	336.1	339.9	9.9	99.9	25.3	93.
41.9	105.6	11472.2	225.0	-51.8	-49.9	288.7	27.6	26.2	-8.8	339.1	339.9	9.9	99.9	29.2	95.
44.8	110.0	12223.1	200.0	-58.9	-59.9	293.0	31.6	29.1	-12.4	339.5	339.9	9.9	99.9	34.3	97.
48.2	117.0	13046.1	175.0	-66.0	-66.0	292.3	38.9	36.0	-14.8	341.0	339.9	9.9	99.9	41.1	100.
51.7	123.2	13981.9	150.0	-66.2	-66.2	292.8	34.8	32.1	-13.5	356.2	339.9	9.9	99.9	49.4	102.
55.3	130.3	15077.9	125.0	-64.2	-59.9	287.7	25.3	24.1	-7.7	378.8	339.9	9.9	99.9	55.8	104.
60.2	135.0	16430.7	100.0	-64.1	-59.9	279.0	14.0	13.9	-2.2	404.0	339.9	9.9	99.9	61.6	104.
65.9	146.7	18175.5	75.0	-66.1	-59.9	220.8	4.3	2.8	3.3	434.5	339.9	9.9	99.9	63.6	103.
76.0	156.0	20671.2	50.0	-61.2	-59.9	185.5	2.9	0.3	2.9	499.2	339.9	9.9	99.9	64.1	103.
90.0	165.0	25074.3	25.0	-51.2	-59.9	41.2	6.7	-4.4	-5.1	637.5	339.9	9.9	99.9	59.6	105.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
 CENTERVILLE, ALABAMA

 21 MAY 1979
 1105 GMT

162 9. 0

TIME MIN	CNTCT	HEIGHT GRN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	140.0	998.6	19.3	15.8	250.0	3.1	3.4	1.2	292.6	322.1	11.4	80.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	9.2	347.2	975.0	21.3	17.2	264.8	14.3	14.3	1.3	296.7	330.2	12.8	77.3	0.6	81.
1.8	11.5	573.1	950.0	21.3	15.4	265.4	11.4	11.3	0.9	298.9	330.0	11.7	69.1	1.3	84.
2.8	13.9	804.2	925.0	19.8	13.3	273.8	18.0	10.0	0.6	299.6	327.7	10.5	66.2	1.9	84.
3.7	16.3	1040.2	900.0	18.1	12.5	273.8	9.7	9.7	0.6	300.2	327.7	10.2	70.0	2.5	85.
4.6	19.7	1281.1	875.0	15.9	13.2	281.2	9.4	9.2	-1.8	300.3	329.9	11.0	84.7	3.0	87.
5.5	21.2	1527.2	850.0	13.8	12.8	292.5	7.1	7.3	-3.0	300.7	330.3	11.0	93.2	3.4	90.
6.5	23.7	1778.6	825.0	12.0	7.0	287.5	6.4	6.3	-2.0	301.3	322.6	7.8	72.8	3.8	93.
7.5	26.1	2036.1	800.0	11.4	-5.4	260.1	6.0	5.9	1.0	303.3	312.6	3.2	30.5	4.2	93.
8.6	28.6	2300.9	775.0	10.6	-10.7	239.5	8.5	7.3	4.3	305.3	311.8	2.2	21.1	4.6	90.
9.8	31.2	2573.2	750.0	9.2	-1.5	240.6	7.7	6.7	3.8	306.5	319.8	4.6	47.2	5.1	87.
10.8	33.8	2853.9	725.0	7.7	-2.2	250.9	6.5	6.2	2.1	307.9	325.7	6.2	68.1	5.5	85.
12.0	36.4	3142.7	700.0	6.3	-8.9	261.6	5.8	5.7	0.8	309.4	318.0	2.8	33.3	5.9	84.
13.1	39.2	3440.0	675.0	4.6	-12.9	264.4	6.4	6.3	0.2	311.6	317.2	2.1	26.7	6.3	84.
14.2	41.9	3746.1	650.0	2.3	-5.0	268.2	6.0	5.9	0.6	310.8	323.9	4.2	59.7	6.7	84.
15.3	44.8	4062.2	625.0	-0.4	-1.3	284.1	6.1	5.9	-1.5	312.0	328.3	5.6	93.6	7.1	85.
16.6	47.6	4388.0	600.0	-2.4	-7.9	281.9	7.1	6.9	-1.5	313.3	323.9	3.5	65.6	7.6	86.
17.9	50.6	4725.1	575.0	-4.8	-7.1	274.4	7.1	7.0	-0.5	314.4	326.2	3.9	84.2	8.2	87.
19.1	53.5	5073.7	550.0	-7.2	-8.3	265.7	7.8	7.8	0.6	315.5	326.8	3.7	91.8	8.7	87.
20.4	56.6	5436.2	525.0	-6.9	-37.7	262.9	9.1	9.0	1.1	320.1	321.5	0.4	9.2	9.3	87.
21.8	59.8	5815.3	500.0	-9.6	-21.6	266.8	10.5	10.5	0.6	321.4	325.8	1.4	37.1	10.1	87.
23.2	63.0	6209.2	475.0	-12.9	-19.1	266.3	10.6	10.6	0.7	322.0	327.8	1.8	59.8	11.0	87.
24.7	66.3	6615.5	450.0	-16.2	-18.6	263.5	11.3	11.3	1.3	322.9	329.2	2.0	82.0	12.0	87.
26.4	69.7	7048.3	425.0	-18.3	-19.8	269.1	11.8	11.8	0.2	325.5	331.6	1.9	87.9	13.1	87.
28.1	73.3	7498.2	400.0	-21.0	-22.8	272.3	15.0	14.9	0.6	327.8	332.9	1.5	85.3	14.5	87.
29.6	76.9	7972.9	375.0	-24.7	-27.8	274.2	18.8	16.7	-1.2	328.5	332.5	1.0	75.0	15.9	88.
31.5	80.7	8471.8	350.0	-28.6	-35.6	278.6	18.7	18.5	-2.8	330.2	332.1	0.6	50.8	17.9	88.
33.4	84.7	8997.6	325.0	-32.9	-35.6	284.5	17.6	17.0	-4.4	331.3	333.3	0.6	76.5	20.1	90.
35.5	88.8	9556.2	300.0	-36.7	-39.6	278.5	15.6	15.5	-2.3	333.8	335.1	0.4	74.5	22.0	91.
37.8	93.2	10155.9	275.0	-40.1	99.9	280.1	17.8	17.5	-3.1	337.2	339.9	99.9	99.9	24.3	92.
40.2	97.8	10798.6	250.0	-45.6	99.9	287.8	19.9	19.0	-6.1	338.3	339.9	99.9	99.9	26.9	93.
42.8	102.8	11491.1	225.0	-51.9	99.9	283.9	23.2	22.5	-5.6	339.0	339.9	99.9	99.9	30.1	95.
45.5	108.0	12242.8	200.0	-58.7	99.9	280.7	28.2	27.7	-5.2	339.9	339.9	99.9	99.9	34.2	95.
48.6	113.8	13071.6	175.0	-63.0	99.9	288.0	37.7	35.9	-11.6	346.6	339.9	99.9	99.9	40.3	96.
52.0	120.0	14021.8	150.0	-62.4	99.9	306.7	27.7	22.2	-16.6	362.6	339.9	99.9	99.9	47.3	99.
55.9	127.0	15129.9	125.0	-67.7	99.9	300.0	17.2	14.9	-8.6	372.4	339.9	99.9	99.9	51.4	102.
61.1	134.7	16487.6	100.0	-65.9	99.9	277.2	13.1	13.0	-1.6	400.5	339.9	99.9	99.9	56.6	103.
67.5	143.3	18241.0	75.0	-64.8	99.9	253.9	6.2	6.0	1.7	437.1	339.9	99.9	99.9	59.5	102.
76.2	153.0	20760.4	50.0	-59.8	99.9	341.5	5.0	1.6	-4.7	504.4	339.9	99.9	99.9	59.7	102.
89.6	162.3	25224.8	25.0	-47.6	99.9	68.1	7.2	-6.7	-2.7	647.7	339.9	99.9	99.9	53.9	105.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

20 MAY 1979
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.7	1.0	1016.0	21.1	18.7	190.0	2.0	0.5	2.6	292.9	327.6	13.5	86.0	0.0	0.
0.4	5.0	139.4	1000.0	21.9	18.5	208.7	5.2	2.5	4.5	295.1	330.4	13.6	81.0	0.1	14.
1.3	6.8	359.3	975.0	19.9	17.8	213.8	4.5	2.5	3.7	295.2	329.7	13.3	87.4	0.4	26.
2.2	9.0	583.4	950.0	20.0	18.4	186.4	4.1	0.5	4.1	297.5	317.1	7.3	66.9	0.6	27.
3.0	10.9	813.0	925.0	18.4	9.3	155.2	3.4	-1.4	3.1	298.2	319.8	8.0	55.3	0.8	17.
3.9	13.1	1047.4	900.0	16.9	8.8	164.0	2.4	-0.8	2.8	298.6	320.5	7.9	59.7	0.9	10.
4.9	15.3	1287.2	875.0	15.4	7.1	174.2	3.1	-0.3	3.2	299.2	319.7	7.3	57.7	1.0	7.
5.7	17.4	1532.6	850.0	13.7	4.9	171.0	2.4	-0.4	2.6	300.5	318.2	6.4	55.2	1.2	6.
6.7	19.6	1783.6	825.0	12.1	3.0	149.5	1.3	-0.9	1.6	301.4	317.6	5.8	53.7	1.3	3.
7.7	21.8	2041.0	800.0	10.8	1.6	128.8	1.1	-1.2	0.9	302.7	317.9	5.4	52.8	1.4	1.
8.7	24.2	2305.2	775.0	9.3	0.9	102.9	1.1	-1.8	0.4	303.9	318.9	5.3	55.6	1.4	357.
9.6	26.4	2576.6	750.0	7.9	-1.3	73.7	1.7	-1.7	-0.5	305.1	318.5	4.7	52.4	1.4	353.
10.7	28.9	2855.6	725.0	6.3	0.1	41.4	2.1	-1.4	-1.5	306.4	321.6	5.3	64.4	1.4	349.
11.7	31.5	3142.5	700.0	3.7	-2.5	32.2	2.4	-1.3	-2.0	308.5	319.9	4.8	64.1	1.3	345.
12.7	34.1	3437.2	675.0	2.5	-10.1	23.1	4.3	-1.8	-4.2	308.5	316.4	2.6	38.9	1.2	338.
13.9	36.6	3743.1	650.0	3.3	-18.1	14.3	6.5	-1.6	-6.4	212.7	317.2	1.4	19.1	0.9	319.
15.0	39.2	4059.9	625.0	1.6	-21.1	0.9	6.2	-0.1	-6.2	314.3	318.0	1.1	16.5	0.7	291.
16.2	41.8	4387.4	600.0	0.0	-23.4	349.7	6.5	1.2	-6.4	316.2	319.3	1.0	15.1	0.6	251.
17.5	44.7	4726.5	575.0	-2.7	-25.3	341.6	7.9	2.5	-7.4	316.5	319.7	0.8	15.5	0.9	212.
18.9	47.6	5078.3	550.0	-3.9	-29.2	342.1	9.0	2.8	-8.6	319.5	321.6	0.6	11.8	1.4	189.
20.3	50.5	5444.1	525.0	-5.6	-36.3	324.2	8.1	4.8	-6.6	321.2	322.9	0.3	6.9	2.1	178.
21.7	53.5	5825.1	500.0	-7.8	-38.1	311.9	9.9	7.3	-6.5	323.5	324.6	0.3	6.6	2.6	167.
23.1	56.5	6221.5	475.0	-10.6	-39.8	314.8	8.9	6.3	-6.3	324.9	325.8	0.2	6.9	3.4	159.
24.9	60.0	6534.9	450.0	-13.3	-41.5	315.5	11.8	8.2	-8.4	326.6	327.4	0.2	7.2	4.3	154.
26.3	63.3	7067.7	425.0	-16.1	-40.4	312.3	15.9	11.8	-10.7	328.4	329.4	0.3	10.6	5.5	149.
28.1	66.7	7520.4	400.0	-20.4	-30.8	310.4	16.4	12.5	-10.6	328.4	331.0	0.7	38.7	7.1	145.
29.8	70.4	7954.9	375.0	-24.1	-34.4	309.2	15.4	11.9	-9.7	329.7	331.6	0.5	37.9	8.7	142.
31.8	74.2	8493.6	350.0	-28.6	-31.5	310.2	17.1	13.0	-11.0	330.2	333.0	0.6	75.8	10.5	140.
33.8	78.2	9020.2	325.0	-32.8	-34.2	312.4	20.7	15.3	-13.9	331.6	333.8	0.6	86.9	12.8	138.
35.1	82.2	9578.9	300.0	-36.9	-40.8	318.1	23.3	15.6	-17.4	333.4	334.7	0.4	66.7	15.9	138.
36.6	86.4	10175.0	275.0	-41.6	59.9	316.0	27.2	18.9	-19.5	335.0	999.9	99.9	999.9	19.5	138.
38.6	91.0	10814.2	250.0	-46.8	99.9	316.3	32.8	22.6	-23.7	336.7	999.9	99.9	999.9	23.8	138.
40.9	96.0	11502.9	225.0	-53.1	99.9	317.6	35.6	24.0	-26.3	337.1	999.9	99.9	999.9	29.5	137.
43.8	98.0	12254.9	200.0	-57.1	99.9	319.0	38.9	25.5	-29.3	342.4	999.9	99.9	999.9	36.6	138.
46.8	101.2	13068.0	175.0	-63.1	99.9	313.3	38.0	27.6	-26.1	345.6	999.9	99.9	999.9	43.9	137.
50.1	107.3	13068.0	150.0	-65.1	99.9	308.6	37.4	29.2	-23.3	337.9	999.9	99.9	999.9	52.0	136.
53.8	113.5	14029.4	125.0	-69.5	99.9	305.9	33.1	26.9	-19.4	369.2	999.9	99.9	999.9	60.9	135.
57.9	120.5	15131.4	100.0	-65.4	99.9	318.3	14.5	9.7	-10.9	401.3	999.9	99.9	999.9	68.0	134.
63.2	129.7	16474.3	75.0	-68.5	99.9	230.9	5.1	4.0	3.2	459.3	999.9	99.9	999.9	70.3	134.
69.7	137.3	18201.6	50.0	-61.3	99.9	83.2	6.4	-6.3	-0.7	459.0	999.9	99.9	999.9	89.6	135.
78.5	146.0	20558.4	25.0	-48.4	99.9	101.7	11.1	-10.8	2.3	445.2	999.9	99.9	999.9	94.3	140.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
 BOOTHVILLE, LOUISIANA

 20 MAY 1979
 1400 GMT

158 14. 0

TIME MIN	CNTCT	HEIGHT GRN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	3.5	1.0	1017.3	24.4	19.5	150.0	3.1	-1.6	2.7	296.1	333.0	14.2	74.0	0.0	0.
0.7	5.0	150.9	1000.0	22.3	15.5	999.9	99.9	99.9	99.9	295.4	324.8	11.2	65.7	999.9	999.9
1.6	6.9	371.1	975.0	22.7	15.4	999.9	99.9	99.9	99.9	298.0	319.4	5.8	32.6	999.9	999.9
2.4	9.1	598.7	950.0	21.3	8.9	145.5	4.1	-2.4	3.5	298.0	319.4	7.6	44.9	0.6	347.
3.5	11.2	827.2	925.0	19.1	9.6	140.6	3.7	-2.3	2.8	298.8	320.9	8.2	54.2	0.8	341.
4.4	13.5	1062.3	900.0	17.8	7.4	132.7	2.6	-1.9	1.7	299.9	319.6	7.2	50.2	1.0	337.
5.3	15.6	1302.8	875.0	16.2	5.5	124.4	2.3	-1.6	1.1	300.7	318.5	6.5	48.8	1.1	334.
6.2	17.8	1548.6	850.0	14.4	4.4	101.5	2.2	-2.1	0.4	301.2	318.5	6.2	51.1	1.2	330.
7.2	20.2	1800.3	825.0	12.9	1.9	115.5	2.2	-2.0	1.0	302.2	317.3	5.4	47.4	1.3	326.
8.3	22.5	2058.0	800.0	11.1	-0.9	96.9	2.0	-2.0	0.2	303.6	315.8	4.5	43.7	1.4	323.
9.3	24.9	2322.3	775.0	9.6	-1.3	73.0	1.8	-1.7	-0.5	304.1	317.0	4.5	46.6	1.5	320.
10.3	27.2	2594.2	750.0	8.4	-2.5	27.7	2.0	-0.9	-1.8	305.7	318.0	4.3	46.1	1.5	316.
11.3	29.7	2873.5	725.0	6.2	-0.4	360.0	3.0	0.0	-3.0	306.2	321.0	5.1	62.6	1.4	311.
12.3	32.3	3160.2	700.0	3.8	-2.0	3.5	4.7	-0.3	-4.7	306.7	320.5	4.8	66.8	1.2	302.
13.5	35.0	3455.0	675.0	2.5	-11.2	1.4	6.9	-0.2	-6.9	308.5	315.8	2.4	35.4	1.1	284.
14.7	37.4	3761.0	650.0	3.4	-15.7	357.7	13.6	0.5	-13.6	312.8	318.4	1.8	23.5	1.1	247.
16.0	40.2	4077.9	625.0	1.4	-17.1	295.3	9.1	8.3	-3.9	314.0	319.1	1.6	23.7	1.8	213.
17.3	42.8	4405.6	600.0	0.1	-23.0	232.6	4.8	4.6	1.4	316.2	319.5	1.0	15.5	1.5	216.
19.6	45.8	4744.8	575.0	-1.7	-28.4	315.7	6.4	4.5	-4.6	318.0	320.2	0.6	10.9	1.6	202.
19.9	48.8	5057.3	550.0	-3.7	-33.6	317.3	7.4	5.1	-5.5	319.7	321.1	0.4	7.6	1.9	186.
21.2	51.6	5462.6	525.0	-6.5	-35.3	318.8	7.0	4.6	-5.3	320.6	321.9	0.4	7.9	2.3	175.
22.7	54.8	5842.0	500.0	-9.0	-36.9	318.6	6.4	4.3	-4.8	322.1	323.2	0.3	8.2	2.8	168.
24.2	57.9	6237.3	475.0	-11.0	-40.4	313.6	7.4	5.4	-5.1	324.3	325.2	0.2	6.7	3.4	163.
25.8	61.1	6656.5	450.0	-14.0	-42.2	307.3	9.8	7.8	-5.9	325.7	326.4	0.2	7.0	4.0	156.
27.4	64.7	7082.3	425.0	-16.8	-44.8	310.6	10.8	8.2	-7.0	327.4	329.2	0.5	21.5	5.0	151.
29.9	68.0	7534.2	400.0	-20.6	-47.8	303.7	12.9	10.7	-7.1	328.2	331.5	1.0	52.2	5.9	147.
30.6	71.5	8009.3	375.0	-23.5	-51.2	317.3	14.9	10.1	-11.0	330.5	333.1	0.7	48.7	7.3	143.
32.4	75.4	8510.2	350.0	-27.1	-52.3	326.8	16.2	8.9	-13.6	332.2	333.2	0.3	22.0	9.0	144.
34.4	79.5	9039.1	325.0	-32.0	-53.7	318.4	19.5	12.9	-14.5	332.6	333.5	0.2	30.1	11.0	143.
36.4	83.5	9600.1	300.0	-36.1	-54.8	318.2	23.2	15.4	-17.3	334.5	335.4	0.2	39.9	13.7	142.
38.7	87.7	10197.5	275.0	-41.3	-59.9	320.2	28.7	18.4	-22.1	335.5	339.9	99.9	99.9	17.2	142.
41.1	92.4	10837.1	250.0	-46.5	-59.9	321.1	34.7	21.8	-27.0	338.9	349.9	99.9	99.9	21.8	141.
43.8	97.3	11527.6	225.0	-52.4	-59.9	320.5	34.9	22.2	-27.0	338.3	349.9	99.9	99.9	27.5	141.
46.6	102.5	12280.9	200.0	-57.3	-59.9	315.7	36.3	25.3	-26.0	342.0	349.9	99.9	99.9	33.2	141.
49.4	108.3	13113.1	175.0	-63.1	-59.9	313.0	42.1	30.8	-28.7	345.6	349.9	99.9	99.9	40.0	140.
52.9	114.5	14049.3	150.0	-65.6	-59.9	306.0	28.7	29.7	-21.6	357.1	349.9	99.9	99.9	48.5	138.
57.3	121.7	15159.3	125.0	-66.3	-59.9	304.1	28.3	23.4	-15.8	374.9	349.9	99.9	99.9	56.7	136.
62.2	129.3	16514.9	100.0	-68.4	-59.9	325.3	11.8	6.7	-9.7	399.4	349.9	99.9	99.9	62.4	136.
69.8	139.0	18239.3	75.0	-66.4	-59.9	210.8	6.7	3.4	5.8	433.8	349.9	99.9	99.9	64.7	136.
77.7	146.7	20745.7	50.0	-57.3	-59.9	145.8	7.4	-4.1	6.1	508.8	349.9	99.9	99.9	63.8	137.
91.8	156.0	25226.4	25.0	-46.9	-59.9	116.6	8.4	-5.7	2.9	649.9	349.9	99.9	99.9	58.5	141.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

20 MAY 1979
1700 GMT

TIME MIN	CNTCT	HEIGHT GMM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	3.6	1.0	1017.8	27.3	16.3	160.0	3.6	0.0	3.6	259.9	329.7	11.5	51.0	0.0	0.0
0.8	5.3	156.0	1000.0	23.9	14.1	999.9	99.9	99.9	99.9	297.1	324.1	10.2	54.2	999.9	999.9
1.7	7.5	377.0	975.0	22.1	12.6	999.9	99.9	99.9	99.9	297.4	322.7	9.5	55.0	999.9	999.9
2.7	9.7	602.3	950.0	21.2	7.1	159.7	3.9	-1.3	3.6	298.7	317.1	6.7	40.0	0.5	359.9
3.5	12.0	832.6	925.0	19.6	8.5	156.0	4.4	-1.8	4.0	299.8	320.0	7.6	48.7	0.7	354.8
4.4	14.3	1067.8	900.0	17.7	8.3	145.3	3.6	-2.2	3.1	299.8	320.7	7.7	54.0	1.0	348.8
5.3	16.5	1308.2	875.0	16.1	6.5	137.6	3.2	-2.2	2.4	300.5	319.7	7.0	52.7	1.1	344.8
6.3	18.9	1558.3	850.0	15.1	5.4	123.6	3.2	-2.7	1.8	302.0	320.4	6.6	52.2	1.3	339.8
7.3	21.3	1805.7	825.0	13.7	2.9	130.0	2.5	-1.9	1.6	303.1	319.2	5.7	48.1	1.4	335.8
8.2	23.8	2065.4	800.0	12.4	1.3	140.3	2.2	-1.4	1.7	304.4	319.4	5.3	46.6	1.6	334.8
9.1	26.2	2331.1	775.0	10.8	2.8	104.8	1.3	-1.3	0.3	305.5	322.7	6.1	57.5	1.7	333.8
10.0	28.8	2604.0	750.0	9.3	0.5	11.9	1.9	-0.4	-1.9	306.7	321.9	5.3	54.3	1.6	331.8
11.1	31.3	2884.3	725.0	7.3	-0.9	353.1	2.6	0.3	-2.8	307.5	321.8	5.0	56.1	1.5	328.8
12.2	33.9	3171.9	700.0	4.5	-2.0	0.8	4.1	-0.1	-1.1	307.5	321.2	4.7	62.5	1.3	324.8
13.3	36.6	3468.2	675.0	4.3	-14.3	352.4	5.6	0.8	-5.8	316.3	316.3	1.9	24.4	1.0	312.8
14.5	39.3	3775.3	650.0	4.2	-10.6	334.9	6.8	2.9	-6.2	313.7	321.8	2.6	33.1	0.7	291.8
15.8	42.2	4093.2	625.0	2.8	-19.0	311.2	6.6	5.1	-4.5	315.4	320.0	1.4	18.2	0.4	237.8
16.9	45.0	4422.0	600.0	0.6	-25.2	300.9	4.4	5.5	-3.3	317.0	319.7	0.8	12.1	0.4	177.8
18.1	47.9	4762.2	575.0	-1.4	-31.7	258.9	7.4	6.5	-3.6	318.4	320.0	0.5	7.8	0.8	143.8
19.4	50.9	5115.1	550.0	-3.4	-31.3	301.8	6.6	5.6	-3.6	321.1	321.8	0.5	9.3	1.4	133.8
20.8	53.9	5481.1	525.0	-5.8	-34.5	296.6	5.7	5.1	-2.6	321.4	322.8	0.4	8.2	1.8	131.8
22.3	57.1	5861.8	500.0	-7.8	-38.5	288.6	6.4	6.1	-2.1	323.5	324.5	0.3	6.4	2.3	126.8
23.7	60.3	6258.7	475.0	-10.2	-49.8	297.2	6.8	6.0	-3.1	325.3	326.2	0.2	6.0	2.9	123.8
25.3	63.7	6673.8	450.0	-12.1	-32.1	302.7	7.6	6.4	-4.1	328.0	330.0	0.6	17.6	3.5	123.8
26.8	67.1	7107.8	425.0	-15.7	-24.9	297.7	10.7	9.1	-4.8	328.8	332.9	1.2	44.9	4.3	122.8
28.5	70.7	7561.7	400.0	-19.1	-26.3	304.9	12.0	10.3	-7.2	330.2	334.0	1.1	52.6	5.5	122.8
30.1	74.4	8036.9	375.0	-22.6	-30.0	318.9	12.6	8.3	-9.5	331.7	333.1	0.4	22.8	6.8	124.8
31.9	78.3	8541.2	350.0	-26.8	-39.2	316.9	15.3	10.4	-11.1	332.6	333.9	0.4	29.7	8.2	127.8
33.8	82.2	9071.8	325.0	-30.8	-38.8	311.7	19.0	14.2	-12.6	334.2	335.7	0.4	45.9	10.1	128.8
35.9	86.3	9634.4	300.0	-35.7	-42.3	318.6	21.6	14.3	-16.2	335.1	336.2	0.3	50.2	12.6	129.8
37.9	90.7	10233.3	275.0	-40.5	99.9	324.9	27.4	16.0	-22.7	338.5	339.9	99.9	99.9	15.5	132.8
40.2	95.2	10877.0	250.0	-45.0	99.9	324.8	33.3	19.2	-27.2	339.2	339.9	99.9	99.9	19.6	135.8
42.6	100.2	11572.4	225.0	-51.0	99.9	318.8	34.3	22.7	-26.0	340.3	339.9	99.9	99.9	24.4	136.8
45.1	105.5	12327.2	200.0	-58.1	99.9	317.6	38.1	25.7	-28.2	340.6	339.9	99.9	99.9	29.9	136.8
48.3	111.3	13156.4	175.0	-65.0	99.9	314.0	40.5	29.2	-28.1	342.6	339.9	99.9	99.9	37.3	137.8
51.0	116.7	14092.3	150.0	-68.4	99.9	301.8	40.0	34.0	-21.1	352.2	339.9	99.9	99.9	44.3	135.8
55.1	123.7	15194.2	125.0	-64.8	99.9	303.2	26.7	22.3	-14.6	377.7	339.9	99.9	99.9	51.9	132.8
59.4	131.3	16539.3	100.0	-69.5	99.9	330.4	11.3	5.8	-10.3	393.4	339.9	99.9	99.9	56.8	133.8
65.6	140.0	18249.1	75.0	-66.0	99.9	340.4	6.1	2.1	-8.0	430.3	339.9	99.9	99.9	59.6	133.8
74.3	149.7	20758.0	50.0	-56.9	99.9	295.0	5.6	5.0	-2.4	509.4	339.9	99.9	99.9	56.7	134.8
88.4	160.0	25221.7	25.0	-48.2	99.9	114.4	5.1	-5.1	2.3	646.0	339.9	99.9	99.9	53.8	137.8

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

20 MAY 1979
2000 GMT

166 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	HX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	1.0	1017.0	27.3	13.6	170.0	4.6	-0.8	4.5	299.0	325.1	9.7	43.0	0.0	0.
0.5	6.0	149.5	1000.0	24.7	16.7	999.9	99.9	99.9	99.9	297.4	329.9	12.1	61.0	999.9	999.
1.3	8.4	371.3	975.0	23.1	12.2	999.9	99.9	99.9	99.9	298.4	323.3	9.3	50.8	999.9	999.
2.2	10.6	597.3	950.0	21.4	10.8	999.9	99.9	99.9	99.9	298.9	322.3	8.6	51.0	0.6	350.
2.9	13.0	827.8	925.0	19.9	7.4	169.0	4.1	-0.9	4.4	299.6	318.8	7.0	44.3	0.8	349.
3.7	15.5	1063.2	900.0	18.1	7.9	172.0	4.1	-0.6	4.1	300.2	320.6	7.5	51.5	1.0	350.
4.5	18.0	1303.8	875.0	16.6	8.9	164.0	3.1	-0.9	3.0	301.0	323.5	8.2	60.5	1.2	350.
5.3	20.5	1550.1	850.0	14.9	4.9	171.5	1.4	-0.2	1.4	301.7	319.6	6.4	51.3	1.3	349.
6.3	23.0	1902.4	825.0	13.8	2.8	177.7	1.3	-0.1	1.3	303.2	319.2	5.7	47.3	1.4	349.
7.2	25.7	2061.1	800.0	12.1	-0.2	205.1	1.1	0.4	1.0	304.1	317.6	4.7	42.8	1.5	350.
8.0	28.3	2376.5	775.0	10.7	0.5	221.6	0.7	0.5	0.5	305.4	320.0	5.1	49.1	1.5	351.
9.9	31.0	2599.1	750.0	9.0	0.6	316.9	1.1	0.7	-0.8	306.3	321.0	5.3	55.6	1.5	352.
9.8	33.8	2879.6	725.0	7.8	-3.8	329.5	2.5	1.3	-2.2	308.0	319.7	4.0	43.6	1.4	353.
10.8	36.6	3168.4	700.0	5.8	0.0	336.0	3.5	1.4	-3.2	308.5	324.8	5.5	66.5	1.2	357.
11.7	39.3	3485.3	675.0	4.4	-8.7	339.3	4.0	1.4	-3.8	310.6	319.5	2.9	38.0	1.0	360.
12.8	42.3	3772.7	650.0	4.1	-11.4	327.9	4.3	2.3	-3.7	313.6	321.3	2.5	31.6	0.8	8.
13.9	45.3	4090.0	625.0	2.5	-22.2	301.0	4.0	4.0	-2.5	315.4	318.0	1.0	14.1	0.6	28.
15.1	48.4	4420.0	600.0	1.3	-29.8	296.7	7.6	6.0	-3.4	317.6	319.4	0.5	7.6	0.8	59.
16.3	51.4	4761.3	575.0	-0.0	-35.3	321.3	8.4	5.2	-6.5	320.0	321.2	0.3	4.9	1.2	87.
17.5	54.6	5118.2	550.0	-2.8	-34.8	313.5	8.2	4.5	-4.2	320.7	322.0	0.4	6.4	1.5	105.
18.7	57.9	5482.1	525.0	-5.2	-38.5	297.2	5.5	4.9	-2.5	322.2	323.1	0.3	5.2	1.9	108.
19.9	61.1	5863.7	500.0	-6.9	-39.8	297.0	7.3	6.4	-3.4	324.6	325.5	0.2	5.2	2.3	110.
21.2	64.6	6263.1	475.0	-8.0	-36.2	297.9	8.6	7.6	-4.0	328.1	329.4	0.4	8.1	3.0	112.
22.7	68.1	6680.3	450.0	-11.5	-27.8	294.8	8.8	7.9	-3.7	328.8	331.8	0.9	24.4	3.8	113.
24.2	71.7	7115.6	425.0	-14.5	-24.3	304.3	9.7	8.1	-5.6	330.4	334.7	1.2	42.7	4.6	114.
25.7	75.4	7572.0	400.0	-17.5	-34.0	308.5	9.7	7.6	-6.1	332.3	334.1	0.5	20.4	5.5	116.
27.2	79.3	8052.2	375.0	-21.2	-31.2	307.3	12.7	10.1	-7.7	333.6	336.3	0.7	39.9	6.4	116.
28.9	83.1	8558.3	350.0	-25.1	-33.1	303.7	16.5	13.8	-9.2	335.0	337.4	0.7	46.6	7.9	119.
30.4	87.2	9091.9	325.0	-29.4	-37.3	312.9	16.5	12.1	-11.3	336.2	337.9	0.5	45.8	9.4	120.
32.2	91.5	9657.1	300.0	-34.3	-42.0	323.5	20.0	11.9	-16.1	337.1	338.3	0.3	45.1	11.2	124.
34.1	96.0	10259.7	275.0	-39.4	-47.0	310.8	21.3	16.1	-13.9	338.2	339.0	0.2	43.5	13.6	127.
36.2	101.0	10984.2	250.0	-45.1	99.9	299.1	24.0	21.0	-11.7	339.0	999.9	99.9	99.9	16.3	126.
38.6	106.0	11600.5	225.0	-49.6	99.9	309.7	30.8	23.5	-19.5	342.5	999.9	99.9	99.9	20.2	125.
41.0	111.3	12362.3	200.0	-55.2	99.9	317.6	32.7	22.1	-24.2	345.3	999.9	99.9	99.9	24.8	127.
43.8	117.0	13201.9	175.0	-61.1	99.9	313.8	39.1	28.2	-27.1	349.1	999.9	99.9	99.9	30.6	129.
46.9	123.2	14148.4	150.0	-68.0	99.9	306.8	38.8	31.1	-23.3	353.0	999.9	99.9	99.9	38.5	130.
50.9	130.5	15242.3	125.0	-66.3	99.9	300.3	29.0	25.0	-14.7	374.9	999.9	99.9	99.9	46.0	127.
54.8	139.2	16590.5	100.0	-69.9	99.9	311.0	13.8	10.4	-9.1	392.8	999.9	99.9	99.9	50.4	128.
60.1	146.0	18303.2	75.0	-68.3	99.9	291.1	9.4	8.8	-3.4	429.6	999.9	99.9	99.9	54.2	128.
67.7	154.7	20817.6	50.0	-57.2	99.9	298.6	4.3	4.1	-1.4	508.7	999.9	99.9	99.9	53.3	128.
80.6	164.0	25244.6	25.0	-47.9	99.9	999.9	99.9	99.9	99.9	646.8	999.9	99.9	99.9	51.1	131.

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STATION NO. 232
BOOTHVILLE, LOUISIANA

20 MAY 1979
2300 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	1.0	1015.4	25.6	18.0	150.0	5.1	-2.6	4.4	297.5	331.5	13.0	63.0	0.0	0.
0.5	5.4	135.7	1000.0	24.4	17.6	157.6	5.4	-2.1	5.2	297.6	331.2	12.8	65.5	0.2	336.
1.4	7.5	356.9	975.0	22.0	16.1	155.2	5.3	-2.1	4.8	297.3	328.8	11.9	69.0	0.5	337.
2.2	9.7	582.4	950.0	20.1	13.8	151.4	5.1	-2.6	4.8	297.6	325.6	10.5	67.1	0.7	336.
3.0	11.8	812.7	925.0	19.8	8.9	148.7	5.1	-2.9	4.7	299.6	320.8	7.8	49.5	1.0	334.
3.9	14.1	1048.2	900.0	18.3	9.1	150.0	4.7	-2.2	3.8	300.4	322.5	8.1	54.9	1.3	333.
4.8	16.3	1289.0	875.0	16.6	6.4	144.0	2.0	-1.5	2.1	301.1	320.2	6.9	50.8	1.5	332.
5.7	18.6	1535.5	850.0	15.3	3.5	130.6	1.4	-1.2	1.0	302.2	318.5	5.8	45.1	1.6	331.
6.7	20.9	1787.9	825.0	13.9	2.2	110.1	0.7	-0.6	0.2	303.3	316.7	5.5	45.3	1.6	330.
7.6	23.3	2046.5	800.0	11.9	0.2	1.7	0.0	-0.0	-0.4	303.9	317.8	4.9	44.5	1.6	330.
8.6	25.7	2311.8	775.0	10.7	-0.4	349.3	1.1	0.2	-0.9	305.3	319.1	4.8	46.0	1.6	330.
9.6	28.2	2584.5	750.0	9.3	-3.7	358.2	2.4	0.1	-2.5	306.7	318.1	3.9	39.9	1.5	328.
10.5	30.5	2865.1	725.0	7.5	0.3	355.4	3.6	0.3	-3.5	307.7	323.3	5.4	60.4	1.4	325.
11.5	33.1	3153.1	700.0	6.6	-17.8	4.0	3.7	-0.3	-3.6	309.8	314.1	1.4	15.8	1.2	319.
12.6	35.7	3452.0	675.0	7.2	-21.8	353.9	4.7	0.5	-4.7	313.7	317.0	1.0	10.8	1.0	309.
13.6	39.3	3760.6	650.0	4.4	-20.4	336.1	6.3	2.7	-6.0	314.0	317.7	1.2	14.4	0.8	293.
14.7	40.9	4078.7	625.0	3.3	-29.9	324.1	7.7	4.5	-6.2	316.2	318.0	0.5	6.6	0.5	259.
16.0	43.7	4408.3	600.0	1.4	-34.6	318.2	6.3	4.0	-4.7	317.7	318.9	0.3	4.7	0.5	192.
17.1	46.4	4748.8	575.0	-1.3	-33.9	297.9	6.3	6.1	-3.2	318.5	319.8	0.4	6.3	0.8	165.
19.3	49.3	5101.5	550.0	-3.4	-32.8	291.1	6.7	6.3	-2.4	320.0	321.5	0.4	8.1	1.2	144.
19.5	52.2	5468.0	525.0	-5.2	-37.9	303.3	7.5	6.3	-4.1	322.2	323.2	0.3	5.5	1.6	137.
20.8	55.2	5845.5	500.0	-7.3	-31.1	300.3	8.5	7.3	-4.3	324.2	326.2	0.6	13.1	2.3	133.
22.1	59.3	6247.7	475.0	-9.3	-27.4	293.1	8.8	7.4	-3.1	326.5	329.9	1.0	26.0	2.9	129.
23.4	61.6	6663.7	450.0	-12.1	-22.2	295.3	8.9	6.1	-3.8	328.0	332.8	1.4	42.7	3.5	127.
24.7	64.9	7098.2	425.0	-15.4	-23.7	292.8	11.2	10.3	-4.3	329.2	333.7	1.3	48.9	4.3	124.
26.1	69.3	7553.4	400.0	-18.7	-29.4	291.2	11.7	10.9	-4.2	330.7	333.6	0.8	38.2	5.3	122.
27.6	71.8	8030.9	375.0	-22.3	-31.9	301.9	11.8	9.3	-5.6	332.0	334.5	0.7	41.4	6.2	121.
29.1	75.4	8534.1	350.0	-26.3	-36.8	307.1	10.9	8.7	-6.6	333.3	335.0	0.5	36.2	7.2	122.
31.7	79.3	9064.8	325.0	-30.8	-35.4	300.0	12.3	10.7	-6.2	334.3	336.4	0.6	63.4	8.3	122.
32.5	83.3	9627.8	300.0	-35.2	-42.2	295.4	18.9	17.1	-8.1	335.5	337.0	0.3	48.5	9.9	121.
34.4	87.4	10228.4	275.0	-40.0	99.9	293.5	22.6	20.7	-9.0	337.3	339.9	99.9	99.9	12.3	120.
36.4	92.0	10871.2	250.0	-45.6	99.9	295.5	26.7	24.1	-11.5	338.3	339.9	99.9	99.9	15.1	119.
39.5	96.7	11564.3	225.0	-51.1	99.9	300.9	33.8	28.3	-17.0	340.1	339.9	99.9	99.9	18.9	119.
41.0	102.0	12320.2	200.0	-56.5	99.9	305.5	37.9	30.9	-22.0	343.3	339.9	99.9	99.9	24.1	120.
43.5	107.3	13158.9	175.0	-60.7	99.9	308.6	42.0	32.4	-26.8	349.8	339.9	99.9	99.9	30.5	121.
46.5	113.4	14101.5	150.0	-66.8	99.9	301.0	35.0	30.0	-18.0	355.0	339.9	99.9	99.9	37.1	123.
49.5	123.0	15196.6	125.0	-67.7	99.9	297.3	32.3	26.7	-14.8	372.4	339.9	99.9	99.9	43.7	121.
53.2	127.5	16533.0	100.0	-71.4	99.9	308.4	18.5	13.6	-9.3	389.8	339.9	99.9	99.9	48.7	122.
58.0	136.0	18246.3	75.0	-68.6	99.9	296.7	8.3	7.4	-3.7	429.2	339.9	99.9	99.9	51.9	122.
99.9	99.9	55.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

21 MAY 1979
200 GMT

TIME MIN	CNTCT	HEIGHT GRM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP N/SEC	V COMP M/SEC	PDP V DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	1.0	1015.1	23.2	16.3	160.0	5.1	-1.7	4.8	295.1	329.4	13.2	74.0	0.0	0.
0.4	5.4	132.1	1000.0	22.5	16.8	173.0	6.5	-0.8	6.4	295.7	327.5	12.1	70.0	0.2	346.
1.1	7.4	352.2	975.0	20.8	15.3	173.3	6.6	-0.8	6.5	296.0	325.8	11.3	71.0	0.4	351.
1.8	9.5	576.7	950.0	19.9	12.6	163.9	6.6	-1.8	6.2	297.4	323.4	9.7	63.1	0.7	351.
2.6	11.5	807.0	925.0	15.7	9.3	158.7	9.8	-2.1	5.4	299.4	321.1	8.0	51.0	1.0	347.
3.5	13.7	1042.5	900.0	18.6	7.2	155.0	4.8	-2.0	4.4	300.7	320.3	7.1	47.5	1.3	345.
4.3	15.8	1283.4	875.0	16.7	5.7	150.6	4.7	-2.3	4.1	301.2	319.4	6.6	48.1	1.5	343.
5.2	18.1	1525.8	850.0	15.3	4.9	141.2	3.8	-2.4	3.0	302.2	320.1	6.4	49.7	1.7	341.
6.0	20.3	1782.6	825.0	13.9	2.9	126.9	2.3	-1.9	1.4	303.3	319.4	5.8	47.6	1.9	339.
6.9	22.6	2041.4	800.0	12.7	1.1	85.6	1.3	-1.3	-0.1	304.7	319.5	5.2	45.0	1.9	337.
7.8	25.1	2307.2	775.0	11.2	-0.6	41.7	2.3	-1.5	-1.7	305.6	319.5	4.7	44.1	1.9	335.
8.7	27.4	2590.0	750.0	9.0	-0.7	32.5	3.4	-1.9	-2.9	306.3	320.2	4.8	50.6	1.8	331.
9.6	29.9	2855.7	725.0	7.0	-2.1	23.2	4.0	-1.6	-3.6	307.1	320.2	4.5	52.3	1.7	325.
10.6	32.6	3147.5	700.0	6.2	-17.5	29.4	4.0	-2.0	-3.5	309.3	313.9	1.5	17.4	1.6	318.
11.6	35.3	3446.0	675.0	6.3	-19.9	30.7	4.7	-2.5	-4.2	312.7	316.5	1.2	13.2	1.6	308.
12.7	37.8	3753.7	650.0	3.9	-17.2	12.4	5.1	-1.1	-5.2	313.4	318.3	1.5	19.5	1.5	296.
13.7	40.5	4071.3	625.0	2.0	-24.9	2.8	4.4	-0.2	-4.4	314.8	317.3	0.8	11.6	1.4	286.
14.9	43.1	4400.1	600.0	1.4	-29.2	328.2	2.7	1.2	-2.0	317.7	319.6	0.6	8.0	1.4	276.
16.0	46.0	4741.0	575.0	-1.1	-25.3	300.8	3.0	2.5	-1.5	318.7	321.5	0.8	13.8	1.2	273.
17.2	49.1	5095.0	550.0	-2.1	-25.3	322.0	5.1	3.3	-4.2	321.7	324.8	0.9	16.1	1.0	263.
18.5	51.9	5463.0	525.0	-4.9	-11.5	321.9	7.4	4.6	-5.9	322.6	332.1	3.0	60.0	0.9	238.
19.7	55.1	5845.6	500.0	-6.7	-13.5	305.0	6.3	9.3	-3.7	324.9	333.5	2.7	56.3	1.0	203.
21.1	58.3	6244.6	475.0	-9.6	-16.9	299.3	7.1	6.2	-3.5	326.1	333.0	2.1	55.0	1.2	177.
22.4	61.6	6660.2	450.0	-12.5	-19.9	289.8	9.4	8.8	-3.2	327.6	333.4	1.7	53.5	1.6	158.
23.9	65.1	7094.5	425.0	-15.6	-23.7	275.2	10.3	10.5	-1.0	329.0	333.5	1.3	49.6	2.2	138.
25.3	68.6	7550.3	400.0	-18.3	-25.4	273.9	11.2	11.2	-0.8	331.2	335.4	1.2	53.5	3.0	124.
27.0	72.2	8028.3	375.0	-22.8	-26.1	274.7	13.9	13.8	-1.1	331.4	335.4	1.2	74.6	4.0	113.
28.7	76.2	8530.0	350.0	-26.6	-28.9	277.0	19.6	19.4	-2.4	332.9	336.4	1.0	81.0	5.7	110.
30.5	80.3	9061.6	325.0	-30.4	-35.6	283.9	21.5	21.1	-5.2	334.9	336.9	0.6	59.7	8.1	107.
32.5	84.3	9626.3	300.0	-34.8	-39.6	289.5	22.1	20.8	-7.4	336.3	337.8	0.4	61.5	10.7	107.
34.7	88.7	10227.1	275.0	-40.1	-49.9	291.1	24.0	22.4	-8.6	337.1	339.9	99.9	99.9	13.7	108.
37.2	93.6	10870.6	250.0	-45.2	-59.9	292.4	27.8	25.7	-10.6	338.8	339.9	99.9	99.9	17.4	109.
39.6	98.4	11565.5	225.0	-50.4	-69.9	295.2	32.5	29.4	-13.8	341.4	339.9	99.9	99.9	21.8	110.
42.6	103.8	12325.0	200.0	-55.6	-79.9	298.2	36.0	31.7	-17.0	344.7	339.9	99.9	99.9	28.0	111.
45.6	110.0	13160.8	175.0	-62.9	-89.9	304.9	40.4	33.1	-23.1	346.2	339.9	99.9	99.9	34.7	113.
49.2	116.3	14093.3	150.0	-68.7	-99.9	307.5	36.9	29.2	-22.5	351.7	339.9	99.9	99.9	42.8	116.
53.1	124.0	15183.2	125.0	-66.5	-99.9	305.2	31.5	25.8	-18.1	374.5	339.9	99.9	99.9	51.8	117.
57.8	132.0	16512.3	100.0	-78.8	-99.9	298.4	16.2	14.2	-17.7	391.8	339.9	99.9	99.9	57.6	118.
64.3	147.7	18232.4	75.0	-68.5	-99.9	313.0	7.3	5.3	-5.0	429.4	339.9	99.9	99.9	61.7	118.
73.5	147.7	20724.4	50.0	-59.0	-99.9	105.3	7.5	-7.2	2.0	504.6	339.9	99.9	99.9	60.7	120.
89.3	159.3	25160.6	25.0	-50.2	-99.9	87.3	6.5	-6.5	-0.3	640.6	339.9	99.9	99.9	55.3	124.

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STATION NO. 232
BOOTHVILLE, LOUISIANA

21 MAY 1979
580 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.1	1.0	1015.1	20.4	17.4	140.0	2.1	-1.3	1.6	292.3	324.4	12.5	83.0	0.0	0.
0.5	5.3	131.2	1000.0	21.8	14.5	99.9	99.9	99.9	99.9	294.9	322.4	10.4	63.3	999.9	999.
1.3	7.1	351.0	975.0	20.9	14.0	999.9	99.9	99.9	99.9	296.1	324.1	10.6	66.1	999.9	999.
2.2	9.0	575.5	950.0	21.1	5.0	158.3	7.0	-2.8	7.0	298.6	314.5	5.8	34.9	0.9	340.
3.1	10.9	806.0	925.0	19.9	7.9	156.2	8.1	-3.3	7.4	299.6	319.5	7.2	45.9	1.3	339.
3.9	12.3	1041.6	900.0	18.6	7.3	153.4	6.6	-2.9	5.9	300.6	320.4	7.2	48.0	1.7	338.
4.8	14.9	1282.4	875.0	16.7	6.2	142.2	5.4	-3.3	4.2	301.1	320.0	6.8	50.0	2.0	337.
5.7	16.9	1528.7	850.0	14.9	4.9	130.3	5.2	-4.0	3.4	301.7	319.5	6.4	51.2	2.2	334.
6.5	19.1	1781.0	825.0	13.3	3.6	119.0	4.7	-4.2	2.3	302.7	319.5	6.0	51.5	2.5	331.
7.5	21.2	2039.6	800.0	12.2	2.6	102.6	4.0	-3.9	0.9	304.1	320.5	5.8	52.1	2.6	328.
8.4	23.5	2305.1	775.0	10.4	1.1	93.7	4.0	-3.9	0.3	305.0	320.3	5.4	52.5	2.8	324.
9.4	25.7	2577.3	750.0	8.5	-1.4	87.3	3.3	-3.3	-0.2	305.8	319.1	4.6	49.6	2.9	321.
10.4	27.9	2856.7	725.0	6.9	-7.1	74.4	2.8	-2.7	-0.8	307.1	316.3	3.1	35.9	3.0	318.
11.5	30.3	3144.7	700.0	6.5	-13.9	72.3	3.6	-3.5	-1.1	309.7	315.6	1.9	22.0	3.1	315.
12.7	32.7	3442.8	675.0	5.8	-17.2	71.4	4.1	-3.9	-1.3	312.1	316.8	1.5	17.4	3.2	310.
13.8	35.2	3750.3	650.0	3.7	-18.4	51.6	3.6	-2.8	-2.2	313.2	317.0	0.6	10.9	3.4	306.
14.8	37.5	4067.9	625.0	2.4	-25.1	21.3	2.2	-0.8	-2.1	315.2	317.8	0.6	10.9	3.4	303.
15.9	40.1	4396.5	600.0	0.8	-26.9	292.3	1.7	1.6	-0.7	317.0	319.4	0.7	10.5	3.3	302.
17.1	42.7	4737.1	575.0	-1.1	-23.5	271.3	3.3	3.3	-0.1	318.7	322.0	1.0	16.3	3.2	304.
18.3	45.3	5090.2	550.0	-2.9	-26.9	292.8	3.5	3.3	-1.4	320.6	323.2	0.8	13.6	2.9	306.
19.6	49.1	5457.2	525.0	-5.5	-13.5	290.2	4.4	4.1	-1.5	321.8	331.3	3.0	62.4	2.6	307.
20.9	51.0	5838.5	500.0	-8.4	-13.3	279.2	5.6	5.5	-0.9	322.8	331.5	2.8	68.1	2.3	311.
22.3	53.9	6234.9	475.0	-11.2	-15.6	268.0	6.0	6.0	0.1	324.1	331.8	2.4	69.7	1.9	320.
23.8	57.0	6647.8	450.0	-14.7	-17.3	275.5	9.8	9.7	-0.9	324.8	331.8	2.2	80.2	1.6	338.
25.3	60.1	7079.7	425.0	-16.3	-22.2	291.1	14.9	13.9	-5.4	328.1	333.2	1.5	60.4	1.3	22.
26.8	63.4	7533.3	400.0	-19.9	-25.7	296.7	17.2	15.3	-7.7	329.1	333.1	1.2	59.8	2.0	74.
28.5	66.9	8009.5	375.0	-23.0	-31.1	292.1	16.5	15.2	-6.2	331.1	333.8	0.7	47.2	3.4	94.
30.1	70.3	8510.6	350.0	-27.3	-32.8	290.4	18.4	17.3	-6.4	331.9	334.3	0.7	59.1	5.0	99.
32.0	74.0	9035.1	325.0	-31.7	-39.0	290.7	22.5	21.1	-8.0	333.0	334.5	0.4	47.8	7.3	103.
34.2	78.0	9599.8	300.0	-36.4	-44.8	291.5	24.6	22.9	-9.0	334.0	334.9	0.2	41.4	10.4	105.
36.4	82.0	10197.0	275.0	-41.2	99.9	291.6	28.9	26.9	-10.7	335.6	999.9	99.9	999.9	13.8	107.
38.8	86.3	10837.6	250.0	-46.1	99.9	290.3	35.4	29.3	-13.9	337.5	999.9	99.9	999.9	18.2	108.
41.3	91.0	11530.0	225.0	-51.2	99.9	298.0	35.1	31.5	-15.4	340.1	999.9	99.9	999.9	23.4	110.
44.3	96.0	12284.7	200.0	-57.6	99.9	294.5	36.0	32.8	-14.9	341.6	999.9	99.9	999.9	29.7	111.
47.3	101.5	13113.1	175.0	-65.4	99.9	297.2	34.4	30.6	-15.7	342.0	999.9	99.9	999.9	36.1	112.
50.6	107.5	14036.1	150.0	-70.5	99.9	293.3	32.6	29.9	-12.9	348.7	999.9	99.9	999.9	42.2	113.
54.5	114.3	15124.2	125.0	-67.6	99.9	300.2	28.5	21.2	-12.3	372.5	999.9	99.9	999.9	49.9	113.
59.5	122.3	16451.7	100.0	-69.9	99.9	310.7	8.9	5.7	-6.8	392.7	999.9	99.9	999.9	54.0	114.
66.2	131.0	18172.1	75.0	-65.9	99.9	80.7	4.7	-4.6	-0.8	434.7	999.9	99.9	999.9	54.2	114.
70.5	141.0	20652.9	50.0	-58.8	99.9	96.9	8.2	-8.1	1.0	505.1	999.9	99.9	999.9	50.3	115.
97.3	151.3	25244.6	25.0	-41.7	99.9	999.9	99.9	99.9	99.9	665.2	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
 BOOTHVILLE, LOUISIANA

 21 MAY 1979
 000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.8	1.0	1014.6	21.6	17.6	170.0	2.1	-0.5	2.6	293.5	326.2	12.6	78.0	0.0	0.
0.6	5.1	127.0	1000.0	21.1	15.4	186.3	6.1	0.7	6.0	294.3	323.4	11.1	69.8	0.2	356.
1.4	7.1	346.3	975.0	19.8	13.9	125.4	6.2	0.6	6.2	295.0	322.2	10.3	69.0	0.5	2.
2.2	9.4	569.8	950.0	20.0	-17.5	182.1	6.5	0.2	6.5	297.2	300.7	1.0	6.7	0.8	4.
3.0	11.4	799.5	925.0	20.4	-5.2	170.1	7.1	-1.2	7.0	300.2	309.2	3.1	19.5	1.1	2.
3.9	13.7	1035.1	900.0	18.8	2.5	157.9	6.0	-2.2	5.5	300.8	315.2	5.1	33.8	1.4	357.
4.8	15.0	1275.9	875.0	17.2	2.1	151.1	5.6	-2.7	4.9	301.6	316.0	5.1	36.3	1.7	353.
5.6	18.1	1522.3	850.0	15.2	2.5	138.8	5.6	-3.7	4.2	302.1	317.3	5.4	42.4	2.0	350.
6.6	20.5	1774.7	825.0	13.6	-0.4	127.1	5.6	-4.5	3.4	303.0	315.8	4.5	38.1	2.2	345.
7.5	22.8	2033.2	800.0	12.5	-3.1	120.3	5.2	-4.5	2.6	304.4	315.5	3.8	33.7	2.5	340.
8.5	25.3	2298.7	775.0	10.7	-2.9	118.5	5.4	-4.7	2.6	305.4	317.0	4.0	38.3	2.7	336.
9.4	27.7	2571.1	750.0	8.9	-4.5	114.3	4.8	-4.3	2.0	306.2	317.0	3.7	38.6	2.9	332.
10.3	30.2	2850.5	725.0	6.9	-9.2	96.8	4.2	-4.2	0.5	307.0	314.9	2.6	30.8	3.1	329.
11.4	33.0	3138.5	700.0	7.0	-19.7	88.4	5.1	-5.4	-0.2	310.2	313.8	1.1	12.8	3.3	325.
12.3	35.6	3436.5	675.0	5.5	-14.6	94.1	5.3	-5.8	0.4	311.6	317.5	1.8	21.7	3.5	320.
13.4	38.2	3743.6	650.0	3.4	-27.7	98.0	3.8	-3.7	0.5	312.8	314.8	0.6	8.1	3.7	317.
14.5	40.9	4060.2	625.0	2.0	-35.0	176.2	2.1	-0.1	2.0	314.7	315.8	0.3	4.4	3.8	315.
15.6	43.8	4389.1	600.0	1.2	-35.9	256.8	4.2	4.1	1.0	317.2	318.5	0.3	4.2	3.8	318.
16.7	46.9	4729.5	575.0	-1.3	-28.4	276.1	7.2	7.1	-0.8	318.4	320.6	0.6	10.6	3.6	322.
17.9	53.0	5081.8	550.0	-3.9	-28.6	273.7	7.5	7.5	-0.5	319.2	321.7	0.7	12.6	3.2	330.
19.3	57.9	5447.9	525.0	-5.8	-13.7	270.6	8.9	6.9	-0.1	321.5	329.8	2.6	56.1	2.9	339.
20.6	55.0	5828.5	500.0	-8.7	-10.3	278.3	8.0	7.9	-1.2	322.4	333.4	3.5	88.1	2.7	351.
21.9	59.3	6224.5	475.0	-11.6	-12.9	287.7	8.9	8.5	-2.7	323.7	333.1	3.0	89.8	2.6	5.
23.4	62.9	6637.6	450.0	-14.2	-16.8	300.2	10.8	9.3	-5.4	325.3	332.7	2.3	60.7	2.4	25.
23.9	65.3	7068.9	425.0	-17.1	-24.3	299.7	13.1	11.4	-6.5	327.0	331.3	1.3	54.4	2.5	50.
26.6	73.0	7521.0	400.0	-19.9	-28.0	295.4	15.9	14.4	-6.8	329.2	332.5	0.9	48.1	3.3	73.
28.4	73.7	7997.7	375.0	-22.7	-31.9	292.8	17.0	15.7	-6.6	331.5	334.0	0.7	42.4	4.9	88.
30.2	77.7	8499.2	350.0	-27.3	-33.5	287.8	17.8	17.0	-5.4	331.9	334.2	0.6	55.5	6.6	94.
32.1	81.7	9028.9	325.0	-31.2	-39.7	286.9	21.2	20.3	-6.2	333.6	335.6	0.4	42.6	8.8	97.
34.2	85.9	9591.2	300.0	-35.6	-42.8	288.5	25.7	24.3	-8.1	335.3	336.3	0.3	46.9	11.7	100.
36.4	93.4	10191.3	275.0	-40.2	99.9	289.4	29.3	27.6	-9.7	337.1	999.9	99.9	999.9	15.3	102.
38.9	93.3	10835.2	250.0	-44.8	99.9	291.4	32.2	29.9	-11.7	339.2	999.9	99.9	999.9	19.9	104.
41.4	100.3	11532.3	225.0	-50.3	99.9	293.8	34.6	31.6	-13.9	341.5	999.9	99.9	999.9	24.7	106.
44.4	105.0	12287.7	200.0	-57.5	99.9	295.4	38.6	34.9	-16.5	341.2	999.9	99.9	999.9	31.3	108.
47.2	111.8	13119.1	175.0	-64.1	99.9	288.2	32.4	30.7	-10.1	344.1	999.9	99.9	999.9	37.6	109.
50.6	118.3	14049.4	150.0	-69.8	99.9	276.9	32.6	32.3	-3.9	349.8	999.9	99.9	999.9	43.3	108.
53.6	125.7	15134.5	125.0	-87.6	99.9	298.0	30.8	27.2	-14.5	372.6	999.9	99.9	999.9	52.3	107.
59.0	135.0	16469.2	100.0	-88.9	99.9	299.1	14.0	12.2	-6.8	394.6	999.9	99.9	999.9	57.5	108.
64.9	143.3	18183.8	75.0	-70.9	99.9	209.7	4.2	2.1	3.6	424.2	999.9	99.9	999.9	59.7	108.
73.3	151.7	20633.6	50.0	-80.6	99.9	255.6	3.4	3.3	0.8	500.7	999.9	99.9	999.9	58.8	108.
87.9	161.5	25085.7	25.0	-50.5	99.9	95.5	10.2	-10.1	1.0	639.6	999.9	99.9	999.9	53.9	111.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

21 MAY 1979
1100 GMT

157 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.2	1.0	1015.2	21.2	18.6	180.0	2.1	0.0	2.1	293.1	327.7	13.4	85.0	0.0	0.
0.4	4.4	132.5	1000.0	22.0	18.1	257.9	4.2	4.1	0.9	295.1	329.3	13.2	76.8	0.2	359.
1.1	6.4	352.7	975.0	20.9	17.0	253.7	4.4	4.2	1.2	296.2	329.3	12.6	78.2	0.3	33.
2.0	8.5	577.3	950.0	19.0	14.9	241.9	4.8	4.3	2.3	296.4	326.2	11.3	77.1	0.5	47.
2.9	10.8	807.1	925.0	20.5	-4.0	212.0	4.1	2.2	3.5	300.3	310.8	3.7	23.4	0.7	50.
3.7	12.9	1042.9	900.0	19.9	-8.4	182.8	4.5	0.2	4.5	302.0	308.7	2.3	14.0	0.9	42.
4.6	15.2	1284.6	875.0	17.9	4.1	164.7	5.4	-1.4	5.2	302.3	318.9	5.9	40.2	1.1	32.
5.5	17.4	1531.8	850.0	15.9	3.3	154.7	5.1	-2.2	4.6	302.9	319.0	5.7	42.7	1.3	21.
6.4	19.8	1784.7	825.0	13.9	3.8	148.0	5.0	-2.6	4.2	303.3	320.4	6.1	50.4	1.5	13.
7.3	22.0	2043.7	800.0	12.4	2.3	149.6	5.4	-2.7	4.6	304.4	320.4	5.7	50.2	1.7	6.
8.3	24.5	2309.6	775.0	10.9	0.4	153.0	5.3	-2.4	4.7	305.5	320.1	5.1	48.2	2.0	1.
9.4	26.9	2582.3	750.0	9.3	-0.0	148.0	4.7	-2.6	4.1	306.7	321.3	5.1	52.1	2.3	357.
10.4	29.5	2862.4	725.0	7.1	-4.0	130.9	4.5	-3.4	2.9	307.2	318.8	4.0	45.3	2.5	353.
11.5	32.2	3150.5	700.0	6.5	-12.0	113.1	5.7	-5.3	2.2	309.7	316.5	2.2	25.5	2.7	348.
12.5	34.9	3448.6	675.0	6.1	-10.0	107.0	7.0	-6.7	2.0	312.5	320.6	2.7	30.5	2.9	341.
13.5	37.4	3756.8	650.0	4.0	-14.6	104.7	8.0	-5.8	1.5	313.5	319.4	1.9	24.3	3.2	334.
14.7	40.2	4074.1	625.0	1.7	-17.8	136.8	3.1	-2.1	2.2	314.4	319.2	1.5	21.9	3.4	330.
15.8	42.9	4402.3	600.0	1.0	-24.3	236.5	3.3	2.5	1.6	317.3	320.3	0.9	12.9	3.5	331.
17.0	45.9	4742.2	575.0	-1.8	-28.2	278.5	6.3	6.2	-0.9	317.9	320.1	0.6	11.1	3.3	337.
18.3	49.0	5094.5	550.0	-3.7	-24.0	286.2	7.8	7.5	-2.2	319.7	323.0	1.0	18.8	3.0	345.
19.5	51.8	5460.9	525.0	-5.8	-9.9	277.0	7.3	7.8	-1.0	321.4	332.2	3.4	72.6	2.8	355.
20.9	55.1	5842.3	500.0	-8.3	-11.0	283.6	8.8	8.5	-2.1	323.0	333.4	3.3	80.5	2.7	10.
22.3	58.1	6239.2	475.0	-10.6	-19.6	284.3	8.9	8.7	-2.2	324.8	330.4	1.7	47.5	2.7	25.
23.6	61.6	6653.9	450.0	-12.3	-26.1	277.0	10.4	10.4	-1.3	327.8	331.2	1.0	30.9	3.0	39.
25.2	65.1	7088.6	425.0	-15.2	-25.5	281.9	13.1	12.9	-2.7	329.5	333.3	1.1	40.7	3.7	54.
26.7	69.6	7543.5	400.0	-19.1	-25.2	286.5	15.3	14.7	-4.4	330.2	334.4	1.2	58.4	4.7	66.
28.4	72.1	8021.3	375.0	-22.1	-28.2	290.1	16.5	15.5	-5.7	332.3	335.7	1.0	57.3	6.1	78.
30.4	76.0	8524.9	350.0	-25.8	-32.8	290.4	19.5	18.3	-6.8	333.9	336.4	0.7	51.6	7.8	86.
32.4	80.1	9057.4	325.0	-29.9	-37.5	287.4	24.2	23.1	-7.2	335.5	337.2	0.5	47.1	10.2	92.
34.6	84.3	9622.5	300.0	-34.1	-41.9	284.9	29.7	28.7	-7.6	337.2	338.5	0.3	44.9	13.7	95.
36.6	89.6	10226.2	275.0	-38.5	-45.8	290.1	33.3	31.3	-11.4	339.5	340.3	0.2	45.8	17.6	98.
39.2	93.4	10874.8	250.0	-43.7	99.9	999.9	99.9	99.9	99.9	341.2	999.9	99.9	999.9	999.9	999.
41.9	98.4	11573.6	225.0	-49.6	99.9	999.9	99.9	99.9	99.9	342.5	999.9	99.9	999.9	999.9	999.
44.6	103.8	12334.6	200.0	-55.0	99.9	999.9	99.9	99.9	99.9	344.4	999.9	99.9	999.9	999.9	999.
47.8	110.0	13172.1	175.0	-61.9	99.9	999.9	99.9	99.9	99.9	347.7	999.9	99.9	999.9	39.0	107.
51.3	115.0	14114.5	150.0	-67.2	99.9	280.2	34.0	33.5	-6.0	354.3	999.9	99.9	999.9	47.0	107.
55.3	123.3	15212.5	125.0	-66.7	99.9	290.5	32.2	30.1	-11.3	374.3	999.9	99.9	999.9	54.9	106.
60.4	131.0	16555.8	100.0	-67.7	99.9	296.5	15.2	13.6	-6.8	397.0	999.9	99.9	999.9	61.9	107.
65.5	139.0	18269.9	75.0	-65.8	99.9	260.5	6.7	6.6	-1.1	426.5	999.9	99.9	999.9	65.3	107.
75.3	147.0	20766.3	50.0	-58.7	99.9	47.9	5.3	-4.1	-3.7	505.2	999.9	99.9	999.9	65.2	107.
83.2	155.0	22224.6	25.0	-46.6	99.9	999.9	99.9	99.9	99.9	650.7	999.9	99.9	999.9	59.7	110.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

20 MAY 1979
1105 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	91.0	1004.6	17.9	16.4	180.0	2.6	0.0	2.6	290.7	320.9	11.8	91.0	0.0	0.
0.1	6.5	130.6	1000.0	18.4	16.4	205.0	6.6	2.8	6.0	291.6	322.0	11.8	87.9	0.1	8.
0.6	8.7	349.0	975.0	20.0	16.1	239.6	11.2	9.7	5.7	295.2	326.5	12.0	78.7	0.4	34.
1.6	11.0	573.5	950.0	19.5	17.0	237.4	9.8	8.0	5.1	297.0	331.1	13.0	85.8	0.9	50.
2.4	13.4	803.9	925.0	19.3	13.6	230.0	7.9	6.1	5.1	299.0	327.6	10.7	69.8	1.3	50.
3.3	15.7	1039.6	900.0	17.8	13.8	229.9	6.1	4.6	3.9	299.9	329.7	11.1	77.2	1.7	50.
4.0	18.0	1280.4	875.0	16.0	12.9	228.0	4.0	3.7	3.3	300.4	329.4	10.8	82.0	1.9	50.
4.8	20.5	1526.9	850.0	14.2	10.9	219.0	4.7	2.9	3.6	301.0	329.3	9.7	80.3	2.1	50.
5.8	22.9	1778.9	825.0	13.1	5.9	203.7	5.2	2.1	4.8	302.4	322.2	7.1	61.9	2.4	47.
6.5	25.4	2037.8	800.0	13.5	-4.0	213.1	6.1	3.4	5.3	305.5	315.9	3.6	29.4	2.7	45.
7.4	27.8	2304.4	775.0	12.0	-1.4	198.6	4.0	1.5	4.5	306.7	319.6	4.5	39.4	2.9	44.
8.3	30.3	2578.0	750.0	10.3	-8.1	168.4	4.2	-0.8	4.1	307.2	316.1	2.8	26.6	3.1	41.
9.4	32.9	2859.3	725.0	8.8	-5.4	118.3	3.5	-3.0	1.6	309.2	319.7	3.5	36.1	3.2	37.
10.4	35.5	3146.6	700.0	6.5	-5.0	75.6	2.7	-2.6	-0.7	309.6	320.8	3.8	43.6	3.1	34.
11.4	38.2	3445.8	675.0	4.2	-5.3	22.5	3.1	-1.3	-3.1	310.3	321.7	3.8	49.9	3.0	33.
12.5	40.9	3751.8	650.0	2.2	-9.1	347.5	5.4	1.2	-5.3	311.4	320.4	3.0	43.1	2.7	37.
13.5	43.7	4067.4	625.0	-0.2	-10.4	350.6	6.2	1.0	-6.1	312.2	320.7	2.8	46.1	2.5	44.
14.6	46.4	4392.9	600.0	-2.6	-11.7	359.0	5.1	0.1	-5.5	313.1	321.1	2.6	49.3	2.3	51.
15.6	49.3	4728.6	575.0	-5.5	-14.4	354.4	5.4	0.5	-5.5	313.5	320.3	2.2	49.4	2.1	58.
16.8	52.3	5075.8	550.0	-7.7	-19.7	333.1	6.1	2.9	-5.6	315.0	319.8	1.5	39.3	2.0	70.
18.1	55.4	5437.6	525.0	-7.8	-33.7	311.6	8.2	6.1	-5.4	319.1	320.5	0.4	10.6	2.2	83.
19.3	58.5	5815.5	500.0	-9.9	-38.5	299.8	9.6	8.4	-4.8	321.0	322.0	0.3	7.5	2.8	92.
20.5	61.6	6209.6	475.0	-11.5	-44.6	295.9	11.8	10.6	-5.2	323.7	324.3	0.2	4.6	3.5	97.
21.9	64.9	6621.9	450.0	-14.4	-38.3	304.4	15.1	12.4	-6.5	325.1	326.3	0.3	11.0	4.6	103.
23.5	68.3	7052.9	425.0	-17.5	-38.3	302.7	17.3	14.8	-9.5	326.8	327.8	0.3	14.3	6.0	108.
25.0	71.7	7503.7	400.0	-21.1	-43.2	298.5	17.3	15.2	-8.2	327.4	328.4	0.2	11.4	7.6	111.
26.6	75.4	7977.2	375.0	-24.7	-37.1	298.9	17.7	15.5	-8.6	328.9	330.4	0.4	30.6	9.1	112.
28.1	79.2	8474.8	350.0	-28.9	-32.8	301.1	20.7	17.7	-10.7	329.8	332.2	0.7	69.2	10.9	113.
29.3	83.1	9000.9	325.0	-32.7	-46.9	312.4	25.5	18.9	-17.3	331.7	332.3	0.2	22.5	13.1	115.
31.5	87.2	9560.1	300.0	-36.7	-56.3	317.2	28.6	19.4	-21.0	333.7	333.9	0.1	10.9	15.8	118.
33.4	91.5	10156.4	275.0	-41.9	99.9	311.3	31.3	23.5	-20.7	334.6	335.9	99.9	99.9	19.2	122.
35.6	96.2	10794.3	250.0	-46.6	99.9	308.9	32.7	25.4	-20.5	336.7	336.6	99.9	99.9	23.3	121.
38.1	101.0	11485.2	225.0	-52.1	99.9	313.7	33.2	24.0	-22.9	338.6	338.6	99.9	99.9	28.4	125.
40.8	106.4	12237.7	200.0	-58.0	99.9	318.4	32.2	22.2	-23.3	341.6	341.6	99.9	99.9	33.4	126.
43.4	112.0	13064.9	175.0	-64.6	99.9	308.5	33.1	25.9	-20.6	343.3	343.3	99.9	99.9	38.6	127.
46.6	118.5	13998.1	150.0	-67.3	99.9	297.4	37.4	33.2	-17.2	344.2	344.2	99.9	99.9	45.5	126.
50.4	125.5	15104.9	125.0	-64.8	99.9	301.3	31.8	27.2	-16.6	347.1	347.1	99.9	99.9	54.0	125.
54.6	133.3	16463.2	100.0	-66.4	99.9	308.4	13.3	10.4	-8.3	359.5	359.5	99.9	99.9	59.1	125.
60.2	142.3	18209.4	75.0	-66.1	99.9	329.4	7.3	3.7	-6.3	434.3	434.3	99.9	99.9	62.3	125.
67.9	152.0	20710.2	50.0	-58.5	99.9	274.2	4.7	4.6	-0.3	505.6	505.6	99.9	99.9	64.4	126.
79.4	161.7	25178.1	25.0	-49.3	99.9	85.6	7.8	-7.8	-0.6	643.3	643.3	99.9	99.9	58.4	130.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

20 MAY 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX WTD CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	91.0	1006.7	22.8	18.1	240.0	4.1	3.6	2.1	295.4	329.7	13.2	75.0	0.0	0.
0.2	6.5	149.3	1000.0	21.9	15.0	253.3	2.0	1.9	0.6	295.1	323.6	10.9	65.3	0.2	38.
1.0	8.6	369.0	975.0	20.1	16.8	256.2	5.0	4.8	1.4	295.4	327.9	12.5	81.2	0.3	48.
1.8	10.8	593.4	950.0	19.2	17.9	256.1	8.4	8.2	2.0	296.7	332.7	13.8	92.3	0.6	64.
2.7	13.0	823.1	925.0	18.6	15.9	252.3	7.2	6.9	2.2	298.3	337.3	10.9	74.2	1.1	69.
3.6	15.3	1058.6	900.0	18.1	11.3	240.0	5.2	4.5	2.6	300.1	325.6	9.4	64.7	1.4	69.
4.5	17.5	1299.5	875.0	16.5	12.0	216.1	4.2	2.5	3.4	300.9	328.4	10.2	75.1	1.6	66.
5.4	19.9	1546.0	850.0	14.5	11.2	208.6	3.6	1.7	3.4	301.4	328.2	9.9	80.4	1.8	61.
6.4	22.1	1758.2	825.0	13.0	10.1	227.7	3.9	2.9	2.6	302.4	328.2	9.5	82.4	2.0	59.
7.4	24.5	2057.0	800.0	11.5	7.2	227.3	4.5	3.9	2.3	303.4	325.7	8.1	75.4	2.2	58.
8.3	26.8	2327.4	775.0	11.1	2.0	241.7	5.0	4.4	2.4	305.7	322.2	5.8	59.	2.5	59.
9.4	29.3	2596.0	750.0	10.6	-8.6	217.4	4.2	2.6	3.4	308.3	316.3	2.7	24.8	2.8	58.
10.4	31.7	2877.5	725.0	8.9	-7.4	188.2	3.6	0.5	3.5	309.2	318.4	3.1	31.2	3.0	56.
11.5	34.2	3166.9	700.0	7.06	99.9	163.3	2.2	-0.6	2.1	310.3	999.9	99.9	999.9	3.1	53.
12.6	36.7	3468.1	675.0	4.78	99.9	187.2	0.8	0.1	0.8	310.9	999.9	99.9	999.9	3.1	51.
13.7	39.3	3765.8	650.0	2.28	99.9	303.6	1.0	0.9	-0.6	311.4	999.9	99.9	999.9	3.1	54.
14.9	41.9	4084.7	625.0	-0.34	99.9	334.9	2.4	1.1	-2.3	312.1	999.9	99.9	999.9	3.1	56.
16.1	44.6	4410.8	600.0	-2.5	-10.6	24.9	1.6	-0.7	-1.5	313.2	321.9	2.9	53.8	3.1	56.
17.3	47.3	4746.6	575.0	-5.5	-13.4	21.7	1.2	-0.5	-1.1	313.5	320.8	2.4	53.7	3.0	57.
18.6	50.1	5093.5	550.0	-8.1	-17.3	316.0	3.3	2.3	-2.4	314.4	320.1	1.8	48.1	3.0	59.
19.9	53.0	5454.7	525.0	-9.4	-25.1	281.8	8.7	8.6	-1.8	318.7	318.8	0.0	1.0	3.3	65.
21.2	55.9	5832.8	500.0	-10.5	-35.9	276.8	12.1	11.1	-1.3	321.6	321.7	0.0	1.0	4.0	71.
22.6	58.9	6224.6	475.0	-13.8	-40.4	286.2	14.1	13.1	-3.4	325.0	326.0	0.3	7.3	4.9	77.
24.2	62.0	6641.9	450.0	-16.7	-34.7	292.0	14.1	13.1	-5.3	325.8	328.0	0.6	20.8	6.0	84.
25.9	65.1	7074.5	425.0	-20.2	-27.9	287.5	14.1	14.0	-4.4	327.5	329.2	0.5	19.3	7.2	89.
27.3	68.4	7527.2	400.0	-23.7	-38.1	308.2	15.4	14.7	-4.8	328.6	332.1	1.0	50.4	8.5	91.
28.9	71.7	8002.0	375.0	-27.5	-43.1	314.6	17.1	14.1	-9.6	330.2	331.6	0.4	25.7	10.0	95.
30.6	75.1	8502.4	350.0	-32.1	-48.9	316.3	20.2	14.4	-14.2	331.6	331.7	0.0	1.9	11.5	100.
32.5	78.9	9030.8	325.0	-36.3	-55.9	319.3	28.2	18.4	-15.6	332.4	333.3	0.2	29.8	13.7	106.
34.4	82.6	9591.2	300.0	-41.1	-66.6	311.9	28.4	21.2	-19.0	334.2	334.9	0.2	33.3	16.5	110.
36.4	86.5	10188.6	275.0	-45.9	-74.9	314.4	31.7	23.4	-21.4	335.7	999.9	99.9	999.9	20.0	114.
38.6	90.7	10830.0	250.0	-51.9	-83.1	314.4	31.2	22.3	-21.9	337.6	999.9	99.9	999.9	23.9	118.
41.0	95.2	11521.9	225.0	-57.3	-90.9	309.4	31.3	24.2	-19.9	339.6	999.9	99.9	999.9	28.3	120.
43.6	99.8	12275.9	200.0	-63.6	-99.9	308.4	29.9	24.6	-16.9	342.0	999.9	99.9	999.9	33.0	121.
46.4	105.0	13107.4	175.0	-67.5	-99.9	300.3	34.2	29.5	-17.3	345.1	999.9	99.9	999.9	38.3	121.
49.5	110.5	14044.0	150.0	-66.7	-99.9	298.3	38.5	33.9	-18.2	355.2	999.9	99.9	999.9	45.5	121.
53.5	116.7	15168.3	125.0	-63.3	-99.9	302.6	24.5	20.6	-13.3	380.4	999.9	99.9	999.9	52.8	121.
57.9	123.5	16532.2	100.0	-67.3	-99.9	301.2	12.9	11.0	-6.7	397.6	999.9	99.9	999.9	57.5	121.
63.6	131.7	18269.5	75.0	-67.5	-99.9	303.9	6.2	5.2	-3.5	431.2	999.9	99.9	999.9	60.6	120.
71.4	141.0	20782.7	50.0	-56.1	-99.9	70.9	5.1	-4.8	-1.7	511.3	999.9	99.9	999.9	60.2	121.
82.9	151.5	25251.8	25.0	-40.3	-99.9	68.5	6.5	-6.0	-2.4	646.1	999.9	99.9	999.9	56.1	124.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

20 MAY 1978
1705 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	91.0	1006.3	27.8	17.6	250.0	4.1	3.9	1.4	300.4	336.4	12.7	54.0	0.0	0.
0.2	8.0	146.7	1000.0	27.0	17.9	235.8	2.0	1.8	0.9	300.2	336.8	13.0	57.3	0.3	12.
0.8	10.4	370.2	975.0	24.5	16.0	235.5	2.8	2.3	1.6	299.8	331.5	11.9	59.4	0.3	17.
1.3	12.7	557.2	950.0	22.2	14.9	232.0	4.1	3.2	2.5	299.7	329.9	11.3	63.3	0.4	26.
2.2	15.2	828.1	925.0	19.2	13.5	234.5	4.1	3.5	2.5	298.5	327.2	10.6	69.7	0.6	37.
3.0	17.6	1063.6	900.0	17.7	12.2	231.8	4.8	3.7	3.0	299.7	326.7	10.0	70.5	0.8	41.
3.9	20.1	1304.1	875.0	16.2	9.0	225.3	5.1	3.6	3.6	300.2	323.2	8.3	62.4	1.1	44.
4.8	22.7	1550.1	850.0	14.3	9.0	202.7	5.1	2.0	4.7	301.2	324.4	8.5	70.2	1.3	42.
5.6	25.1	1902.2	825.0	13.1	5.2	195.1	5.7	1.5	5.5	302.5	321.2	6.7	58.4	1.6	37.
6.7	27.7	2061.1	800.0	11.8	8.5	215.5	4.1	2.4	3.4	303.2	321.9	8.7	79.9	1.9	34.
7.7	30.3	2127.2	775.0	11.8	3.5	234.9	5.1	4.2	3.0	306.5	324.7	6.4	57.3	2.1	37.
8.8	32.9	2601.2	750.0	11.2	-7.8	224.0	5.1	3.8	3.9	308.7	317.3	2.9	26.0	2.5	39.
9.8	35.6	2883.5	725.0	9.5	-5.9	212.9	4.6	2.5	3.9	309.9	320.1	3.4	33.3	2.8	39.
10.8	38.3	3173.6	700.0	7.5	-5.6	218.8	3.4	2.1	2.6	310.8	321.5	3.6	38.9	3.1	38.
11.9	41.1	3471.9	675.0	5.3	-7.3	254.8	3.3	3.2	0.9	311.2	321.4	3.3	39.7	3.2	39.
13.1	43.9	3778.9	650.0	2.9	-10.8	284.6	4.3	3.9	-1.0	312.2	320.2	2.6	35.8	3.4	43.
14.2	46.8	4095.1	625.0	0.6	-12.8	285.3	3.3	3.2	-0.9	313.1	320.2	2.3	36.2	3.5	47.
15.5	49.8	4421.5	600.0	-2.0	-12.1	279.6	2.5	2.6	-0.4	313.6	321.6	2.5	45.8	3.6	49.
16.8	52.8	4758.1	575.0	-5.1	-13.4	286.6	3.9	3.7	-1.1	314.0	321.3	2.4	52.2	3.7	52.
18.1	55.9	5106.2	550.0	-6.2	-33.3	295.6	8.0	7.2	-3.5	316.2	318.3	0.5	10.6	4.0	58.
19.4	59.0	5469.0	525.0	-7.5	-39.8	302.5	11.8	9.9	-6.3	319.2	320.3	0.2	5.4	4.4	67.
20.7	62.1	5848.5	500.0	-8.1	-55.1	291.4	12.4	11.6	-4.5	323.1	323.3	0.0	1.0	5.0	75.
22.1	65.5	6245.6	475.0	-9.9	-44.2	280.6	13.3	13.1	-2.5	325.2	326.4	0.2	4.3	6.0	80.
23.5	69.9	6660.3	450.0	-13.1	-30.2	280.0	13.3	13.1	-2.3	326.8	329.2	0.7	22.2	7.1	83.
24.9	72.3	7053.2	425.0	-16.7	-22.0	282.0	13.5	13.2	-2.8	327.6	332.7	1.5	63.2	8.2	86.
26.5	75.9	7545.7	400.0	-20.2	-33.7	297.7	13.0	11.5	-6.1	328.2	330.8	0.6	29.7	9.4	89.
28.2	79.7	8021.4	375.0	-23.5	-59.6	304.8	13.7	11.3	-7.8	330.5	330.6	0.0	2.3	10.5	93.
30.0	83.6	8521.9	350.0	-27.6	-46.5	300.7	16.8	14.4	-8.6	331.5	332.2	0.2	14.6	11.9	97.
31.9	87.7	9050.1	325.0	-31.8	-44.5	310.4	23.0	17.5	-14.9	332.9	333.7	0.2	26.8	13.8	101.
33.7	91.8	9612.0	300.0	-35.0	-52.5	314.4	30.1	21.5	-21.1	336.0	336.4	0.1	14.8	16.5	107.
35.9	96.3	10212.7	275.0	-40.1	99.9	309.7	29.5	22.7	-18.9	337.2	999.9	99.9	999.9	20.2	112.
38.1	101.0	10856.7	250.0	-45.2	99.9	305.9	26.8	21.7	-15.7	338.6	999.9	99.9	999.9	23.8	114.
40.2	106.0	11551.2	225.0	-51.2	99.9	303.7	23.9	19.4	-13.9	340.1	999.9	99.9	999.9	26.9	115.
42.8	111.5	12304.7	200.0	-56.1	99.9	303.0	26.6	22.3	-14.5	340.7	999.9	99.9	999.9	30.5	117.
45.8	117.5	13133.1	175.0	-64.2	99.9	297.1	35.1	31.3	-16.0	344.0	999.9	99.9	999.9	36.0	117.
48.8	123.7	14067.1	150.0	-67.0	99.9	293.5	38.6	35.4	-15.4	354.7	999.9	99.9	999.9	43.1	116.
52.3	130.7	15184.8	125.0	-63.7	99.9	303.1	24.7	20.7	-13.5	379.7	999.9	99.9	999.9	49.8	117.
56.7	139.7	16336.2	100.0	-68.0	99.9	291.3	12.9	12.0	-4.7	396.4	999.9	99.9	999.9	54.3	117.
62.1	147.3	18272.5	75.0	-63.7	99.9	236.6	8.9	7.4	4.9	435.2	999.9	99.9	999.9	57.4	116.
65.5	156.3	20755.8	50.0	-56.6	99.9	68.8	5.5	-5.5	-0.1	510.3	999.9	99.9	999.9	56.8	117.
81.0	165.3	25265.7	25.0	-48.1	99.9	999.9	99.9	99.9	99.9	646.7	999.9	99.9	999.9	52.4	118.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 238
JACKSON, MISSISSIPPI

20 MAY 1979
2005 GMT

161 25. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.4	91.0	1004.8	30.0	15.4	200.0	3.1	1.1	2.9	302.7	334.6	11.8	44.0	0.0	0.
0.2	6.8	133.7	1000.0	28.1	15.0	221.9	4.0	2.7	3.8	301.2	330.5	10.8	45.0	0.1	43.
1.5	9.2	358.8	975.0	24.7	13.8	229.8	4.8	3.6	3.1	300.8	327.7	10.3	50.8	0.4	52.
2.5	11.5	583.9	950.0	22.5	12.9	223.6	5.5	3.8	4.0	300.0	326.7	9.9	54.4	0.7	50.
3.6	13.9	815.3	925.0	20.3	12.3	216.2	5.7	3.4	4.6	300.1	326.3	9.8	60.0	1.1	46.
4.6	16.4	1051.4	900.0	18.1	11.0	214.1	5.7	3.2	4.7	300.1	325.1	9.2	63.4	1.4	44.
5.6	18.9	1291.9	875.0	15.8	9.6	213.8	6.1	3.4	5.1	300.2	323.6	8.6	66.5	1.7	41.
6.5	21.3	1537.8	850.0	14.0	7.6	221.1	6.1	4.2	4.4	300.2	322.0	7.8	65.5	2.1	41.
7.4	23.9	1788.9	825.0	13.1	1.0	236.9	6.2	5.2	3.4	302.3	316.6	5.0	43.6	2.4	42.
8.3	26.4	2047.5	800.0	12.5	-1.4	255.5	6.3	6.3	1.6	304.5	317.0	4.3	38.1	2.7	45.
9.3	29.0	2313.0	775.0	11.5	1.6	255.7	7.3	7.2	1.8	306.1	322.0	5.5	50.5	3.1	50.
10.1	31.6	2586.6	750.0	9.5	0.4	248.2	7.4	6.9	2.7	306.9	322.1	5.3	52.9	3.5	52.
11.1	34.3	2867.5	725.0	8.9	-8.3	238.3	6.4	5.5	3.4	309.3	317.8	2.8	28.7	3.9	53.
12.2	37.0	3156.9	700.0	7.1	-5.8	241.2	5.1	4.6	2.5	310.4	321.0	3.6	39.3	4.2	53.
13.3	39.8	3454.7	675.0	5.0	-11.5	263.7	4.3	4.3	0.5	311.2	318.5	2.4	29.3	4.5	55.
14.4	42.6	3761.3	650.0	2.7	-14.0	268.5	3.7	3.7	0.2	312.6	318.1	2.0	27.9	4.7	57.
15.5	45.3	4077.2	625.0	0.1	-13.6	254.5	2.9	2.7	0.7	312.6	319.3	2.1	34.9	4.9	58.
16.7	48.3	4402.6	600.0	-3.0	-13.8	263.3	3.4	3.3	0.4	312.6	319.4	2.2	42.9	5.1	58.
17.9	51.3	4738.4	575.0	-4.6	-22.1	308.6	6.2	4.8	-3.9	314.6	318.2	1.1	23.9	5.3	60.
19.3	54.4	5087.5	550.0	-5.5	-15.1	318.4	10.5	7.0	-7.9	317.6	324.4	2.1	46.3	5.5	68.
20.5	57.5	5462.0	525.0	-6.3	-32.7	299.6	12.0	10.4	-5.9	320.9	322.6	0.5	10.6	5.9	75.
21.7	60.6	5832.5	500.0	-8.3	-17.1	288.7	13.2	12.5	-4.2	323.0	329.4	2.0	49.0	6.7	80.
23.1	63.9	6229.4	475.0	-10.3	-19.7	286.1	12.1	11.6	-3.3	325.2	330.7	1.7	45.9	7.6	83.
24.4	67.3	6643.8	450.0	-13.1	-30.1	293.2	12.2	11.2	-4.8	326.8	329.2	0.7	22.6	8.5	86.
25.8	70.7	7076.4	425.0	-16.8	-28.6	293.2	13.0	11.9	-5.1	327.4	330.3	0.8	35.2	9.4	89.
27.3	74.3	7528.4	400.0	-20.6	-32.4	293.8	12.0	11.0	-4.8	328.2	330.4	0.6	33.8	10.5	92.
29.0	78.0	8002.0	375.0	-24.1	-42.2	297.6	13.6	12.1	-6.3	329.6	330.6	0.2	16.9	11.7	94.
30.7	81.8	8501.5	350.0	-27.8	-43.6	312.2	17.4	12.9	-11.7	331.2	332.1	0.2	20.5	13.0	98.
32.5	85.8	9028.6	325.0	-31.9	-42.3	308.5	19.8	15.3	-12.6	332.7	333.7	0.3	34.9	14.7	102.
34.4	90.0	9589.3	300.0	-36.5	-41.1	297.5	23.1	20.5	-10.3	334.6	335.2	0.3	62.5	17.0	105.
36.4	94.4	10185.7	275.0	-41.9	99.9	294.3	28.9	22.7	-10.7	336.7	336.7	99.9	999.9	19.8	107.
38.7	99.2	10924.3	250.0	-46.7	99.9	293.2	28.8	26.4	-11.3	336.7	336.7	99.9	999.9	21.5	108.
41.1	104.0	11514.6	225.0	-52.1	99.9	300.0	29.8	25.8	-14.9	338.7	338.7	99.9	999.9	27.7	109.
43.7	109.4	12267.5	200.0	-58.0	99.9	300.2	31.6	27.3	-15.9	341.0	339.9	99.9	999.9	32.1	111.
46.4	115.2	13096.0	175.0	-63.6	99.9	296.3	41.7	37.4	-18.4	344.9	339.9	99.9	999.9	38.2	112.
49.3	121.7	14025.7	150.0	-70.8	99.9	294.7	37.1	33.7	-15.5	348.2	339.9	99.9	999.9	45.3	112.
52.9	128.7	15140.9	125.0	-63.4	99.9	297.5	22.8	20.2	-10.5	380.2	339.9	99.9	999.9	51.8	113.
56.9	136.7	16488.1	100.0	-67.7	99.9	278.2	14.1	14.1	-1.0	397.0	339.9	99.9	999.9	55.7	113.
62.4	146.0	18226.8	75.0	-64.9	99.9	279.4	7.0	6.9	-1.1	436.2	339.9	99.9	999.9	58.8	112.
70.0	156.0	20763.1	50.0	-57.7	99.9	118.8	4.8	-4.2	2.3	507.5	339.9	99.9	999.9	58.4	111.
81.9	166.0	25240.9	25.0	-48.3	99.9	999.9	99.9	99.9	99.9	645.5	339.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION 10. 235
 JACKSON, MISSISSIPPI

 20 MAY 1979
 2305 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	V COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	91.0	1003.2	27.5	14.2	220.0	3.4	2.3	2.0	300.4	327.9	10.2	44.0	0.0	0.
0.1	6.8	119.3	1000.0	27.2	14.5	201.9	5.7	2.1	5.3	300.4	328.6	10.5	45.6	0.1	27.
0.6	8.9	342.6	975.0	25.2	13.6	195.0	8.6	1.7	6.3	300.5	327.9	10.1	48.7	0.3	33.
1.6	11.1	570.3	950.0	23.1	12.9	204.2	8.2	2.5	5.7	300.7	327.4	9.9	52.4	0.6	27.
2.5	13.3	802.3	925.0	20.7	12.2	202.2	6.3	2.4	5.8	300.5	326.9	9.8	58.3	1.0	26.
3.4	15.5	1038.7	900.0	18.7	11.8	198.0	6.4	2.0	6.2	300.8	327.1	9.7	64.0	1.3	25.
4.2	17.7	1280.0	875.0	16.8	11.0	194.2	6.7	1.6	6.5	301.2	326.9	9.5	68.4	1.6	23.
5.0	20.0	1526.4	850.0	14.5	8.0	206.0	6.3	2.6	5.4	301.3	323.1	7.9	65.0	1.9	21.
5.8	22.3	1779.0	825.0	14.7	0.6	241.6	5.2	4.6	2.5	304.1	318.0	4.9	38.2	2.2	24.
6.6	24.6	2038.4	800.0	13.3	-6.3	275.5	5.8	5.7	-0.6	305.4	314.2	3.0	24.9	2.3	29.
7.6	26.9	2304.8	775.0	12.5	-3.6	277.7	6.2	6.2	-0.8	307.3	318.4	3.8	32.3	2.4	37.
8.5	29.3	2579.3	750.0	11.0	-3.2	263.5	6.5	6.5	0.7	308.8	320.4	4.0	36.7	2.7	43.
9.4	31.7	2861.5	725.0	10.0	-7.2	251.6	6.8	6.4	2.1	310.4	319.6	3.1	29.0	3.0	47.
10.4	34.2	3152.2	700.0	8.2	-9.4	255.7	5.8	5.6	1.4	311.5	319.7	2.7	27.6	3.3	50.
11.4	36.7	3451.1	675.0	5.9	-10.0	262.6	4.5	4.4	0.6	312.2	320.3	2.7	30.9	3.6	52.
12.5	39.2	3758.6	650.0	3.4	-11.8	253.6	3.9	3.7	1.1	312.8	320.2	2.4	31.9	3.8	54.
13.5	41.8	4075.2	625.0	0.7	-11.9	260.8	3.8	3.7	0.6	313.2	320.8	2.5	38.4	4.1	55.
14.8	44.4	4401.6	600.0	-1.5	-13.6	298.5	3.9	3.5	-1.9	314.3	321.3	2.2	39.2	4.3	57.
15.8	47.1	4739.5	575.0	-3.4	-10.4	330.4	8.0	4.0	-7.0	316.0	325.2	3.0	58.4	4.3	62.
17.0	49.9	5090.8	550.0	-4.3	-14.4	343.7	13.2	3.7	-12.7	319.0	326.2	2.3	45.3	4.3	73.
18.3	52.7	5456.6	525.0	-5.9	-17.6	343.2	13.3	3.8	-12.7	321.3	327.2	1.8	39.1	4.3	86.
19.6	55.6	5837.5	500.0	-8.4	-19.7	324.2	9.6	5.6	-7.8	322.2	328.1	1.6	39.4	4.7	97.
21.0	58.5	6233.3	475.0	-11.3	-16.7	291.2	8.9	8.3	-3.2	324.0	331.1	2.2	64.3	5.3	101.
22.4	61.5	6646.5	450.0	-13.0	-20.0	288.5	8.2	7.8	-2.6	325.9	331.6	1.7	59.5	6.1	101.
23.9	64.8	7078.1	425.0	-17.0	-32.7	290.2	7.2	6.7	-2.5	327.2	329.3	0.6	24.3	6.7	102.
25.5	67.9	7530.4	400.0	-20.0	-32.7	285.0	9.7	9.4	-2.5	329.0	331.2	0.6	32.0	7.5	103.
27.1	71.1	8007.0	375.0	-22.7	-37.1	289.1	10.5	9.9	-3.4	331.6	333.1	0.4	25.2	8.5	103.
28.8	74.6	8508.7	350.0	-27.4	-36.9	293.3	10.0	9.1	-3.9	331.8	333.5	0.5	40.1	9.5	104.
30.5	78.1	9038.1	325.0	-31.0	-35.0	287.4	14.5	13.9	-4.3	334.0	336.1	0.6	67.6	10.7	105.
32.3	81.8	9601.1	300.0	-35.4	-39.0	273.3	19.0	19.0	-1.1	335.2	337.0	0.4	64.6	12.5	108.
34.1	85.7	10201.1	275.0	-40.2	99.9	272.5	23.3	23.3	-1.0	337.1	999.9	99.9	99.9	14.8	102.
36.1	89.8	10844.4	250.0	-45.2	99.9	277.4	26.9	26.7	-3.5	338.5	999.9	99.9	99.9	17.7	101.
38.5	94.2	11538.8	225.0	-50.9	99.9	283.5	33.5	32.6	-7.8	340.5	999.9	99.9	99.9	22.0	101.
40.9	98.8	12595.4	200.0	-57.2	99.9	289.8	37.8	35.4	-12.8	342.2	999.9	99.9	99.9	27.2	102.
43.5	103.8	13125.4	175.0	-62.6	99.9	296.8	48.0	42.8	-21.7	346.7	999.9	99.9	99.9	33.6	104.
46.5	109.3	14067.1	150.0	-68.6	99.9	295.1	41.3	37.4	-17.5	352.0	999.9	99.9	99.9	42.4	107.
50.0	115.2	15174.2	125.0	-65.7	99.9	291.0	24.6	23.0	-8.8	376.1	999.9	99.9	99.9	49.1	108.
54.4	122.2	16517.9	100.0	-67.0	99.9	285.0	15.7	15.2	-4.1	398.4	999.9	99.9	99.9	53.8	108.
60.2	130.3	18244.7	75.0	-67.4	99.9	328.8	8.4	4.3	-7.2	431.7	999.9	99.9	99.9	58.0	107.
68.0	140.0	20749.2	50.0	-57.8	99.9	80.6	4.7	-4.7	-0.8	507.3	999.9	99.9	99.9	57.6	108.
80.1	152.0	25208.6	25.0	-49.3	99.9	999.9	99.9	99.9	99.9	642.8	999.9	99.9	99.9	53.1	110.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

21 MAY 1979
205 GMT

164 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	91.0	1002.9	23.3	17.7	180.0	2.1	0.0	2.1	296.2	329.9	12.9	71.0	0.0	0.
3.0	6.7	116.4	1000.0	23.9	17.1	189.9	6.5	1.1	6.8	297.1	329.7	12.4	65.9	0.1	0.
6.0	9.0	339.1	975.0	25.2	15.6	200.8	11.5	4.1	10.7	300.2	331.4	11.5	55.3	0.5	11.
9.0	11.3	567.0	950.0	23.3	14.2	207.9	10.4	4.9	9.3	300.9	330.0	10.8	56.6	1.0	18.
1.7	13.7	799.1	925.0	20.9	12.9	212.4	10.0	5.3	8.4	300.7	328.2	10.2	60.5	1.5	23.
3.4	15.1	1035.6	900.0	19.2	12.4	212.7	9.0	5.4	8.3	301.3	328.7	10.1	64.8	2.0	25.
4.3	16.5	1277.2	875.0	16.6	11.6	217.9	10.0	6.1	7.9	301.1	327.8	9.9	72.4	2.5	27.
5.2	20.9	1523.6	850.0	15.9	-3.9	233.9	7.0	6.1	4.5	302.6	313.1	3.6	26.9	3.0	30.
6.0	23.3	1777.3	825.0	16.0	-9.3	261.7	5.2	5.2	0.7	309.5	312.5	2.3	16.9	3.3	33.
7.0	25.9	2037.8	800.0	15.3	-3.8	283.0	6.1	5.9	-1.4	307.4	318.0	3.6	26.5	3.4	37.
8.0	28.4	2305.5	775.0	12.9	-3.6	289.3	6.1	5.7	-2.0	307.7	318.9	3.8	31.6	3.5	43.
9.0	31.0	2579.9	750.0	11.2	0.9	285.0	6.1	6.3	-1.7	308.6	324.6	5.5	48.9	3.7	49.
10.0	33.6	2862.2	725.0	10.0	-9.7	270.8	5.6	5.6	-0.1	310.4	318.1	2.5	23.8	4.0	53.
11.1	36.2	3153.0	700.0	8.5	-11.2	268.2	4.3	4.5	0.1	311.9	319.1	2.3	23.4	4.3	55.
12.3	39.0	3451.9	675.0	6.1	-11.3	266.7	3.3	3.9	0.2	312.2	319.8	2.4	27.3	4.5	57.
13.4	41.7	3759.8	650.0	3.7	-11.7	260.1	3.3	3.5	0.6	313.2	320.6	2.4	31.4	4.7	59.
14.6	44.6	4076.9	625.0	1.2	-13.3	272.2	1.7	1.7	-0.1	313.9	320.7	2.2	32.7	4.9	59.
15.7	47.4	4403.9	600.0	-1.0	-14.0	337.9	1.5	0.6	-1.5	314.5	321.7	2.2	37.0	4.9	60.
16.9	50.4	4742.1	575.0	-3.2	-9.4	11.4	5.1	-1.0	-5.0	316.3	326.3	3.3	62.1	4.8	62.
18.1	53.4	5053.4	550.0	-4.8	-12.6	8.0	6.9	-1.0	-6.8	318.2	326.7	2.6	54.1	4.5	67.
19.4	56.5	5456.2	525.0	-5.8	-15.4	34.3	6.3	1.7	-6.0	321.5	328.6	2.2	46.6	4.3	73.
20.6	59.6	5840.7	500.0	-8.0	-19.3	309.6	5.1	3.9	-3.3	323.3	328.8	1.7	39.6	4.4	78.
22.1	62.9	6236.5	475.0	-10.8	-19.5	289.5	5.8	5.5	-1.9	324.6	330.3	1.7	48.4	4.8	82.
23.6	66.3	6650.6	450.0	-13.0	-27.1	280.0	8.4	8.2	-1.4	326.9	330.0	0.9	29.5	5.4	84.
25.0	69.7	7083.7	425.0	-16.9	-22.2	280.2	12.0	11.8	-2.1	327.4	332.4	1.5	63.0	6.2	86.
26.3	73.3	7536.4	400.0	-19.7	-26.2	277.7	11.2	11.1	-1.5	329.3	333.2	1.1	56.0	7.2	88.
27.9	77.0	8012.1	375.0	-23.3	-26.0	274.8	10.5	10.5	-0.9	330.8	334.9	1.2	78.2	8.2	89.
29.6	80.8	8513.0	350.0	-27.2	-29.8	265.2	12.0	12.0	1.0	332.1	335.3	0.9	78.7	9.3	89.
31.4	84.8	9042.5	325.0	-31.3	-33.3	258.9	16.6	16.2	3.8	333.6	336.1	0.7	82.2	10.7	87.
33.2	89.0	9605.2	300.0	-35.2	-37.9	269.1	21.5	21.5	0.4	335.6	337.5	0.5	76.0	12.8	87.
35.2	93.4	10207.0	275.0	-40.0	-39.9	279.0	25.3	25.0	-4.0	337.4	339.9	99.9	99.9	15.6	88.
37.4	98.0	10949.2	250.0	-45.0	-45.0	282.0	33.6	32.5	-8.6	340.1	340.9	99.9	99.9	19.1	91.
39.6	103.0	11543.5	225.0	-51.2	-59.9	284.8	38.8	36.7	-12.1	340.9	340.9	99.9	99.9	23.1	93.
42.2	108.4	12257.0	200.0	-56.0	-59.9	288.3	38.8	36.7	-12.1	340.9	340.9	99.9	99.9	28.7	95.
45.1	114.2	13125.2	175.0	-64.5	-67.9	293.4	44.9	41.2	-17.8	343.2	343.2	99.9	99.9	35.6	98.
47.9	120.5	14053.2	150.0	-67.9	-69.9	285.7	43.0	41.4	-11.6	353.2	353.2	99.9	99.9	43.0	101.
50.8	127.7	15156.5	125.0	-64.5	-69.9	288.2	26.3	25.0	-8.2	378.3	378.3	99.9	99.9	49.4	101.
53.8	135.7	16457.9	100.0	-68.9	-69.9	283.3	16.6	16.0	-4.1	394.6	394.6	99.9	99.9	53.7	102.
60.7	144.5	19227.1	75.0	-67.1	-67.1	99.9	31.2	6.0	-4.1	432.3	432.3	99.9	99.9	57.8	103.
63.2	154.3	20728.9	50.0	-60.4	-60.4	99.9	9.0	4.9	-4.6	501.2	501.2	99.9	99.9	56.9	103.
83.3	164.0	25151.8	25.0	-52.6	-52.6	99.9	99.9	99.9	99.9	633.4	633.4	99.9	99.9	51.9	105.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

21 MAY 1979
505 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	91.0	1003.1	21.7	17.7	210.0	2.1	1.0	1.8	294.6	328.0	12.8	78.0	0.0	0.
0.2	6.2	118.1	1000.0	23.0	18.0	211.5	13.8	7.2	11.8	296.1	330.4	13.1	73.4	0.2	18.
1.0	8.5	339.5	975.0	23.3	16.5	215.5	13.0	7.6	10.6	298.6	331.1	12.3	66.0	0.5	27.
1.8	10.9	566.1	950.0	22.4	14.1	223.6	11.3	7.8	8.2	299.9	328.8	10.8	59.5	1.1	34.
2.6	13.3	797.7	925.0	20.3	12.8	227.5	11.0	8.8	8.1	300.1	327.3	10.1	62.0	1.7	38.
3.4	15.7	1073.8	900.0	18.3	11.6	230.2	10.4	8.4	7.0	300.3	326.3	9.6	65.2	2.2	41.
4.3	18.1	1274.7	875.0	16.2	10.6	233.8	10.2	9.1	4.5	300.6	325.3	9.3	69.6	2.8	44.
5.3	20.6	1521.1	850.0	14.3	12.5	235.7	8.2	7.9	2.0	301.2	330.3	10.8	88.8	3.3	49.
6.2	23.1	1773.6	825.0	15.8	-13.8	235.5	2.4	2.9	0.3	305.3	310.2	1.6	11.7	3.6	51.
7.2	25.7	2033.9	800.0	14.5	-5.1	306.3	2.0	1.6	-1.2	306.6	316.4	3.3	25.6	3.6	52.
8.0	29.3	2301.3	775.0	12.4	-1.3	309.9	2.6	2.0	-1.7	307.2	320.3	4.5	38.8	3.7	54.
8.9	30.8	2575.5	750.0	10.6	-0.5	314.6	3.1	2.2	-2.2	308.1	322.4	4.9	46.3	3.7	56.
9.9	33.4	2857.2	725.0	8.8	-5.3	322.1	2.7	2.7	-0.6	309.2	320.1	3.7	37.8	3.7	59.
10.9	36.2	3147.1	700.0	7.6	-8.1	236.8	3.2	2.6	1.7	310.9	319.8	3.0	31.8	3.9	59.
12.0	38.9	3445.5	675.0	5.3	-9.6	226.0	3.4	2.5	2.4	311.5	319.2	2.3	32.9	4.3	57.
14.2	44.4	4068.4	625.0	0.1	-12.0	200.4	3.2	1.1	3.0	312.5	320.8	2.4	39.7	4.5	56.
15.3	47.3	4354.3	600.0	-2.0	-13.7	174.9	3.5	-0.3	3.5	313.9	320.8	2.2	40.4	4.6	54.
16.5	50.3	4731.3	575.0	-4.3	-11.3	157.7	4.0	-1.5	3.7	314.9	323.6	2.8	58.4	4.8	51.
17.7	53.3	5081.0	550.0	-5.8	-13.1	156.6	3.3	-1.3	3.1	317.3	325.2	2.6	56.4	4.8	48.
18.9	56.4	5445.7	525.0	-6.3	-16.1	213.7	4.3	2.4	3.6	320.2	327.5	2.1	45.6	5.0	46.
20.2	59.4	5825.5	500.0	-9.3	-16.5	236.9	7.1	6.0	3.9	321.7	328.5	2.1	55.4	5.4	47.
21.5	62.6	6220.6	475.0	-11.4	-17.0	238.4	8.8	8.7	1.8	323.9	330.9	2.2	65.1	6.0	49.
23.0	66.0	6633.7	450.0	-14.1	-19.4	274.2	10.3	10.2	-0.7	325.6	331.6	1.8	63.5	6.6	53.
24.4	69.3	7054.4	425.0	-18.3	-20.7	256.6	11.3	11.3	0.7	325.9	331.2	1.7	81.6	7.4	58.
25.9	72.9	7514.7	400.0	-21.2	-22.4	256.5	13.4	13.0	3.1	327.5	332.8	1.6	89.5	8.4	60.
27.5	76.4	7988.7	375.0	-24.4	-25.8	256.5	17.2	16.7	4.0	329.4	333.6	1.2	87.3	9.8	63.
29.0	80.1	8468.5	350.0	-28.1	-29.5	259.2	19.1	18.7	3.6	330.9	334.2	0.9	87.7	11.4	65.
30.8	84.0	9016.1	325.0	-32.0	-34.1	270.3	17.6	17.6	-0.1	332.5	334.8	0.6	82.0	13.4	68.
32.7	88.0	9576.9	300.0	-36.1	-39.5	283.1	19.4	18.8	-4.4	334.6	336.1	0.4	70.2	15.2	71.
34.6	92.2	10174.3	275.0	-41.5	-39.9	285.4	22.9	22.1	-6.1	335.2	339.9	0.9	99.9	17.2	76.
36.7	95.8	10816.3	250.0	-45.5	-39.9	278.6	29.1	28.7	-4.3	338.4	339.9	0.9	99.9	20.2	80.
38.9	101.4	11509.1	225.0	-52.0	-39.9	282.2	31.8	31.1	-6.7	338.9	339.9	0.9	99.9	24.1	83.
41.6	106.6	12280.0	200.0	-55.2	-39.9	286.2	35.0	33.7	-9.8	339.1	339.9	0.9	99.9	29.0	87.
44.7	112.0	13085.1	175.0	-65.1	-39.9	287.3	42.9	41.0	-12.8	342.5	339.9	0.9	99.9	36.0	91.
47.6	118.0	14014.5	150.0	-67.4	-39.9	274.1	39.3	39.2	-2.8	344.1	339.9	0.9	99.9	43.2	93.
51.0	124.3	15113.8	125.0	-67.1	-39.9	285.4	30.5	29.4	-8.1	343.5	339.9	0.9	99.9	50.8	94.
55.3	131.3	16457.4	100.0	-67.6	-39.9	283.0	17.4	17.0	-3.9	347.2	339.9	0.9	99.9	56.7	95.
61.4	139.3	18190.1	75.0	-67.6	-39.9	282.6	4.9	4.8	0.6	431.1	339.9	0.9	99.9	59.4	96.
69.6	147.7	20681.2	50.0	-59.1	-39.9	144.3	3.5	-2.9	2.0	504.3	339.9	0.9	99.9	58.0	96.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

21 MAY 1979
005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	91.0	1003.9	20.6	18.4	220.0	2.5	1.7	2.0	293.4	328.0	13.4	87.0	0.0	0.
0.1	5.8	124.8	1000.0	21.0	17.8	249.1	4.0	3.7	1.4	294.2	327.8	13.0	81.9	0.1	29.
0.8	8.1	344.7	975.0	21.2	15.9	257.0	7.7	7.5	1.7	296.5	327.5	11.8	71.6	0.3	56.
1.6	10.4	570.3	950.0	20.9	16.2	244.3	14.4	13.3	6.4	298.4	330.9	12.3	74.4	0.8	65.
2.5	12.7	800.9	925.0	19.3	12.2	242.5	12.1	11.2	5.8	299.0	325.2	9.8	63.7	1.7	63.
3.3	15.1	1036.3	900.0	17.1	14.8	243.5	9.3	8.8	4.4	299.2	330.8	11.9	86.3	2.2	63.
4.3	17.5	1276.9	875.0	15.8	11.0	248.7	8.5	8.0	3.1	300.2	325.9	9.5	73.1	2.7	63.
5.2	19.9	1523.1	850.0	14.2	12.8	247.2	7.3	6.7	2.8	301.0	330.7	11.0	91.2	3.2	64.
6.2	22.4	1775.3	825.0	13.3	3.4	224.7	6.1	4.3	4.3	302.6	319.6	6.1	52.9	3.5	64.
7.1	24.8	2034.0	800.0	13.2	-10.1	203.6	5.1	2.3	5.3	305.3	311.9	2.2	18.7	3.8	61.
8.1	27.3	2300.4	775.0	12.2	-4.5	192.4	3.4	0.7	3.3	306.9	317.4	3.6	31.3	4.0	59.
9.2	29.9	2574.0	750.0	10.0	-0.2	210.6	3.3	1.7	2.9	307.2	322.0	5.1	49.1	4.2	57.
10.1	32.5	2855.3	725.0	8.3	0.2	214.0	3.5	2.0	2.9	308.6	324.1	5.4	57.0	4.4	56.
11.2	35.1	3144.3	700.0	6.1	-2.7	209.2	4.5	2.2	4.0	309.3	322.7	4.6	54.2	4.6	53.
12.3	37.8	3441.9	675.0	4.9	-9.1	215.1	6.1	3.5	5.0	311.1	319.8	2.9	35.5	4.9	53.
13.4	40.6	3748.4	650.0	2.5	-9.1	211.5	5.2	2.7	4.5	311.2	320.8	3.0	41.8	5.3	51.
14.5	43.3	4064.1	625.0	0.1	-11.2	208.8	5.3	2.5	4.6	312.5	320.5	2.6	42.7	5.6	50.
15.7	46.2	4389.8	600.0	-2.2	-13.0	198.7	6.4	2.1	6.1	313.6	320.8	2.3	43.2	6.0	49.
16.8	49.1	4727.5	575.0	-3.0	-10.3	202.0	7.7	2.9	7.2	316.2	325.9	3.0	57.2	6.4	46.
18.1	52.1	5078.4	550.0	-5.4	-12.3	215.2	9.7	5.6	7.9	317.7	326.1	2.7	57.8	7.0	43.
19.3	55.1	5433.1	525.0	-7.0	-14.6	229.7	11.4	6.7	7.4	320.1	327.5	2.3	54.2	7.6	44.
20.6	58.3	5821.9	500.0	-10.1	-14.7	240.2	11.5	10.0	5.7	320.2	328.5	2.4	69.0	8.7	46.
22.0	61.5	6216.1	475.0	-12.4	-12.8	253.9	11.8	11.3	3.3	322.7	332.2	3.0	96.5	9.6	48.
23.4	64.8	6627.5	450.0	-15.2	-16.9	256.3	12.1	11.8	2.9	324.2	331.5	2.3	86.5	10.5	50.
24.9	68.1	7057.0	425.0	-18.5	-22.2	258.0	13.8	13.5	2.9	329.2	330.3	1.5	73.0	11.5	53.
26.3	71.7	7507.8	400.0	-20.1	-24.4	270.0	15.8	15.8	0.0	328.9	333.4	1.3	69.0	12.6	56.
29.0	75.4	7983.2	375.0	-23.7	-29.0	279.6	15.5	15.3	-2.6	330.2	333.4	0.9	61.4	13.9	60.
29.7	79.2	8483.3	350.0	-27.4	-32.3	279.9	16.5	16.3	-2.8	331.9	334.4	0.7	62.5	15.1	64.
31.4	83.0	9012.5	325.0	-31.7	-35.0	283.0	21.1	20.6	-4.8	333.0	335.1	0.6	72.5	16.7	68.
33.3	87.3	9573.3	300.0	-35.8	-44.7	284.8	21.6	20.9	-5.5	335.0	335.9	0.2	40.9	18.8	73.
35.2	91.7	10173.2	275.0	-40.4	99.9	281.3	21.0	20.6	-4.1	336.7	999.9	99.9	99.9	20.9	76.
37.2	96.4	10914.7	250.0	-46.3	99.9	276.8	23.4	23.3	-2.8	337.2	999.9	99.9	99.9	23.3	78.
39.5	101.4	11504.8	225.0	-52.0	99.9	277.6	30.3	30.0	-4.0	337.5	999.9	99.9	99.9	26.8	81.
42.1	106.6	12556.6	200.0	-58.6	99.9	282.7	33.3	32.5	-7.3	340.0	999.9	99.9	99.9	31.6	84.
45.1	112.5	13982.0	175.0	-65.6	99.9	283.3	37.9	36.9	-8.7	341.6	999.9	99.9	99.9	37.4	87.
48.3	118.7	14012.6	150.0	-65.8	99.9	277.8	39.4	39.0	-5.3	356.7	999.9	99.9	99.9	45.4	89.
51.6	125.0	15123.2	125.0	-65.7	99.9	295.0	25.3	23.0	-10.7	376.1	999.9	99.9	99.9	51.5	91.
56.3	134.0	16470.9	100.0	-67.5	99.9	289.0	16.4	15.5	-5.4	397.4	999.9	99.9	99.9	56.8	93.
62.3	143.0	18205.2	75.0	-68.5	99.9	235.8	4.7	3.9	2.6	433.6	999.9	99.9	99.9	59.3	94.
71.2	153.3	20704.9	50.0	-55.3	99.9	146.7	4.0	-2.2	3.4	506.2	999.9	99.9	99.9	59.7	93.
84.3	163.0	25120.1	25.0	-49.6	99.9	57.0	7.7	-6.5	-4.2	642.0	999.9	99.9	99.9	54.6	95.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION 10. 235
JACKSON, MISSISSIPPI

21 MAY 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DRN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	91.0	1004.1	18.9	17.7	200.0	1.5	0.5	1.4	291.7	324.7	12.9	93.0	0.0	0.
0.1	6.4	126.5	1000.0	19.5	18.0	212.6	5.1	2.8	4.3	296.7	326.4	13.1	90.8	0.1	12.
0.9	8.7	346.0	975.0	20.9	19.2	236.9	10.0	8.3	5.4	296.2	334.0	14.5	89.6	0.4	46.
1.7	11.1	571.2	950.0	21.0	7.2	237.4	8.1	7.2	4.6	298.5	317.0	6.8	40.9	0.9	53.
2.7	13.6	801.8	925.0	20.4	7.6	239.0	8.1	7.4	4.5	300.2	319.7	7.1	43.7	1.3	54.
3.6	16.0	1037.6	900.0	18.6	6.5	241.5	8.1	7.5	4.1	300.7	319.4	6.8	45.1	1.8	56.
4.5	18.5	1278.9	875.0	17.0	5.7	247.7	8.1	7.7	3.2	301.8	318.7	6.0	47.9	2.7	59.
5.4	21.0	1525.3	850.0	15.0	4.0	247.1	8.1	7.6	3.2	301.8	318.7	6.0	47.9	2.7	59.
6.3	23.5	1777.7	825.0	14.0	2.2	247.7	8.1	7.8	3.2	303.0	318.6	5.4	44.7	3.2	61.
7.2	26.0	2036.8	800.0	13.4	-8.6	235.9	6.6	5.5	3.7	305.2	312.9	2.5	20.8	3.6	61.
8.3	28.6	2303.2	775.0	12.3	-3.8	211.1	6.1	3.1	5.2	307.0	318.4	3.9	33.7	3.9	59.
9.2	31.3	2577.3	750.0	10.1	1.6	208.5	6.1	2.9	5.3	307.6	324.1	5.8	55.4	4.2	57.
10.2	34.0	2858.5	725.0	8.4	-0.8	205.3	5.5	2.3	4.9	308.7	323.2	5.0	52.5	4.5	55.
11.3	36.8	3147.8	700.0	6.4	0.9	208.3	5.9	2.8	5.2	309.5	326.4	5.9	68.0	4.8	52.
12.5	39.6	3445.1	675.0	4.4	-8.3	213.3	8.7	4.4	6.6	310.2	319.7	3.0	39.4	5.3	51.
13.6	42.3	3751.4	650.0	2.6	-8.4	211.4	8.7	4.6	7.5	311.9	321.3	3.1	44.3	5.9	49.
14.9	45.2	4067.3	625.0	0.1	-9.0	216.9	8.3	5.0	6.7	312.6	322.0	3.1	50.5	6.4	47.
15.9	48.1	4393.2	600.0	-2.2	-12.1	223.5	7.8	5.3	5.6	313.6	321.4	2.5	46.9	7.0	47.
17.1	51.1	4730.2	575.0	-5.5	-21.7	222.8	9.2	6.3	6.8	315.9	319.7	1.2	23.0	7.5	47.
18.3	54.1	5080.5	550.0	-9.7	-14.1	224.0	12.1	8.4	8.7	317.3	324.7	2.3	51.5	8.3	46.
19.6	57.4	5444.1	525.0	-8.0	-12.6	229.0	13.1	9.9	8.6	318.9	327.5	2.8	69.4	9.3	46.
21.0	60.5	5822.5	500.0	-9.5	-11.3	240.5	13.9	12.1	6.8	321.4	331.6	3.2	87.5	10.4	47.
22.5	63.9	6217.4	475.0	-11.7	-18.8	258.2	14.0	13.7	2.9	323.2	329.5	1.8	55.0	11.6	49.
24.0	67.1	6630.2	450.0	-13.9	-27.0	269.7	16.2	16.2	0.1	325.8	329.0	0.9	31.8	12.7	53.
25.7	70.7	7061.9	425.0	-17.1	-27.5	276.8	17.8	17.7	-2.1	327.1	330.3	0.9	39.9	14.0	59.
27.4	75.3	7514.5	400.0	-19.9	-23.3	279.1	17.4	17.2	-2.7	329.1	334.1	1.5	74.2	15.5	62.
29.2	77.9	7991.2	375.0	-22.6	-21.6	283.0	17.1	16.6	-3.9	331.7	334.3	0.7	43.2	17.0	66.
30.9	81.8	8453.3	350.0	-27.2	-33.7	286.7	17.9	17.2	-5.2	332.1	334.4	0.6	53.6	18.3	69.
32.6	85.8	9022.4	325.0	-32.6	-39.6	295.1	22.1	20.0	-9.4	332.6	333.9	0.4	46.7	19.9	73.
34.5	90.0	9584.2	300.0	-35.3	-38.5	290.3	20.2	18.9	-7.0	335.6	337.3	0.4	72.4	21.9	78.
36.6	94.5	10185.3	275.0	-39.9	99.9	272.6	17.4	17.3	-0.8	337.5	999.9	99.9	999.9	23.8	80.
38.8	99.2	10828.1	250.0	-45.6	99.9	279.4	22.5	22.2	-3.7	338.3	999.9	99.9	999.9	26.3	81.
41.2	104.2	11521.7	225.0	-51.3	99.9	280.2	27.6	27.2	-4.9	339.2	999.9	99.9	999.9	29.9	87.
44.1	109.5	12275.7	200.0	-57.9	99.9	277.3	28.1	27.9	-3.6	341.0	999.9	99.9	999.9	34.6	89.
47.1	115.2	13104.8	175.0	-64.3	99.9	277.9	33.2	32.9	-4.6	343.2	999.9	99.9	999.9	40.0	87.
50.6	121.7	14040.6	150.0	-64.7	99.9	286.8	31.4	30.0	-9.1	358.6	999.9	99.9	999.9	47.0	89.
54.4	128.7	15168.9	125.0	-64.3	99.9	309.8	20.1	15.4	-12.8	378.5	999.9	99.9	999.9	51.8	92.
59.3	136.7	16524.6	100.0	-65.9	99.9	281.3	18.2	17.8	-3.6	400.8	999.9	99.9	999.9	57.2	94.
65.5	146.0	18265.5	75.0	-67.1	99.9	251.8	6.1	5.8	1.9	432.3	999.9	99.9	999.9	61.1	94.
74.1	156.7	20769.9	50.0	-58.4	99.9	177.0	4.7	-0.2	4.7	505.5	999.9	99.9	999.9	61.8	94.
80.9	167.5	23233.2	25.0	-45.0	99.9	999.9	99.9	99.9	99.9	648.8	999.9	99.9	999.9	56.5	95.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

20 MAY 1979
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	5.0	1014.0	20.6	19.4	150.0	1.1	-0.8	1.3	292.6	329.0	14.2	93.0	0.0	0.0
0.5	6.9	126.3	1000.0	22.8	20.0	189.0	6.4	1.0	6.3	296.0	334.7	14.9	84.3	0.2	355.0
1.3	9.0	346.9	975.0	20.9	18.9	190.5	7.6	1.4	7.4	296.2	333.4	14.3	88.4	0.5	5.0
2.1	11.2	572.0	950.0	19.2	18.5	194.8	7.4	1.9	7.1	296.7	334.0	14.3	95.5	0.9	8.0
2.9	13.3	801.6	925.0	17.3	16.6	195.5	7.1	1.9	6.8	297.0	331.1	13.0	95.3	1.2	10.0
3.8	15.5	1035.8	900.0	16.1	15.3	192.8	7.3	1.6	7.1	298.1	330.5	12.3	94.9	1.6	11.0
4.7	17.7	1275.5	875.0	15.6	14.5	197.3	8.6	2.6	8.2	300.0	314.7	5.3	42.0	2.0	12.0
5.6	20.0	1521.7	850.0	16.4	-9.0	205.3	6.2	3.5	7.4	303.2	310.1	2.3	16.6	2.5	13.0
6.6	22.3	1776.1	825.0	17.8	-39.1	213.8	6.6	3.7	5.5	307.4	307.9	0.2	1.0	2.9	16.0
7.5	24.5	2037.6	800.0	15.9	-10.3	220.9	3.7	2.4	2.8	308.1	314.9	2.3	16.1	3.2	18.0
8.4	26.8	2305.7	775.0	13.6	-6.9	209.8	2.6	1.3	2.3	308.4	317.2	3.0	23.4	3.4	19.0
9.5	29.2	2580.7	750.0	11.8	-8.4	207.4	1.0	0.5	0.9	309.4	317.6	2.7	23.5	3.5	19.0
10.4	31.6	2862.9	725.0	9.2	-5.5	291.9	0.6	0.6	-0.2	309.4	320.0	3.5	34.9	3.5	19.0
11.4	34.0	3152.5	700.0	8.1	-29.3	35.5	2.0	-1.2	-1.6	311.5	313.1	0.5	4.9	3.4	19.0
12.5	36.5	3450.9	675.0	5.6	-28.7	68.2	2.2	-2.0	-0.8	311.5	313.7	0.5	6.4	3.3	17.0
13.5	38.9	3757.9	650.0	3.5	-33.8	38.5	1.2	-0.8	-0.9	312.9	314.1	0.3	4.4	3.3	16.0
14.7	41.5	4074.7	625.0	1.8	-48.8	298.3	2.4	2.1	-1.1	314.6	314.8	0.1	1.0	3.2	17.0
15.8	44.1	4402.4	600.0	0.2	-49.9	276.2	4.6	4.6	-0.5	316.3	316.6	0.1	1.0	3.2	21.0
17.1	46.8	4741.6	575.0	-2.3	-38.6	273.8	5.1	5.3	-0.3	317.3	318.3	0.3	4.8	3.4	28.0
18.5	49.6	5092.9	550.0	-4.3	-52.6	275.5	5.9	5.8	-0.6	319.0	319.2	0.1	1.0	3.6	34.0
19.7	52.3	5458.2	525.0	-5.9	-53.7	283.4	5.8	5.6	-1.3	321.3	321.5	0.0	1.0	3.8	41.0
21.2	55.1	5838.7	500.0	-7.7	-54.8	295.3	5.6	5.0	-2.4	323.7	323.9	0.0	1.0	4.0	47.0
22.6	58.0	6235.7	475.0	-10.4	-56.5	296.8	6.8	6.1	-3.1	325.1	325.3	0.0	1.0	4.2	54.0
24.1	61.0	6648.6	450.0	-13.6	-38.3	290.0	7.4	7.0	-2.5	326.1	327.2	0.3	10.4	4.5	61.0
25.7	64.1	7080.5	425.0	-17.6	-18.0	292.6	10.1	9.3	-3.9	326.5	333.6	2.2	96.4	5.1	67.0
27.3	67.3	7532.8	400.0	-20.1	-27.7	298.1	12.5	11.1	-5.9	328.6	332.2	1.0	50.8	5.9	76.0
29.1	70.6	8008.6	375.0	-23.4	-31.3	305.6	13.9	11.3	-8.1	330.7	333.3	0.7	47.8	7.0	84.0
30.8	74.0	8510.1	350.0	-26.8	-32.2	293.5	15.3	14.3	-6.2	332.4	335.1	0.7	59.9	8.2	91.0
32.7	77.4	9040.1	325.0	-31.4	-36.9	287.4	17.6	16.8	-5.3	333.4	335.2	0.5	58.7	10.0	94.0
34.6	81.1	9602.4	300.0	-35.4	-44.9	295.8	20.9	18.9	-9.1	335.5	336.4	0.2	36.6	12.1	97.0
36.7	85.0	10202.1	275.0	-40.2	99.9	300.7	23.3	20.5	-12.2	337.0	999.9	99.9	99.9	14.8	101.0
39.1	92.2	10843.8	250.0	-46.2	99.9	299.8	28.7	24.9	-14.3	337.4	999.9	99.9	99.9	18.2	105.0
41.6	93.4	11537.2	225.0	-50.5	99.9	297.8	38.3	33.6	-17.7	341.1	999.9	99.9	99.9	23.2	108.0
44.6	98.0	12556.3	200.0	-56.0	99.9	302.7	44.6	37.6	-24.1	344.1	999.9	99.9	99.9	30.7	111.0
47.5	103.0	13133.1	175.0	-62.5	99.9	308.7	45.3	35.3	-28.3	346.7	999.9	99.9	99.9	38.4	114.0
50.8	108.5	14072.0	150.0	-67.2	99.9	301.0	34.1	29.2	-17.5	354.4	999.9	99.9	99.9	46.3	116.0
54.9	114.5	15174.9	125.0	-67.6	99.9	267.3	25.0	23.9	-7.4	372.8	999.9	99.9	99.9	53.3	116.0
59.7	121.2	16505.8	100.0	-71.9	99.9	287.3	14.5	13.9	-4.3	388.9	999.9	99.9	99.9	59.1	115.0
65.8	129.3	18218.1	75.0	-67.9	99.9	257.6	4.7	4.6	1.0	430.5	999.9	99.9	99.9	62.1	114.0
73.9	139.0	20716.1	50.0	-59.0	99.9	191.3	4.1	0.8	4.0	504.5	999.9	99.9	99.9	61.8	114.0
86.7	151.0	25167.7	25.0	-48.6	99.9	60.4	8.4	-7.3	-4.1	644.5	999.9	99.9	99.9	56.9	118.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

20 MAY 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RM PCT	RANGE KM	AZ DG
0.0	5.5	5.0	1015.7	25.0	20.0	220.0	4.6	3.0	3.5	296.6	335.3	14.7	74.0	0.0	0.
0.6	6.8	142.2	1000.0	24.0	18.6	193.9	7.4	1.8	7.2	297.2	335.0	13.7	72.0	0.3	7.
1.4	9.0	363.1	975.0	21.2	18.1	193.4	5.9	1.4	5.7	296.5	331.9	13.6	82.4	0.6	9.
2.1	11.2	588.2	950.0	19.4	18.0	200.6	5.3	1.9	4.9	296.5	333.2	13.9	91.7	0.8	11.
2.7	13.4	817.6	925.0	17.3	16.6	202.4	6.1	2.3	5.6	297.0	331.1	13.0	95.4	1.0	14.
3.2	15.6	1051.9	900.0	16.1	15.4	202.1	6.4	2.4	5.9	298.1	330.8	12.4	95.7	1.2	15.
3.7	17.9	1291.9	875.0	15.2	14.5	202.2	6.1	2.6	6.4	299.6	331.7	12.0	95.6	1.4	16.
4.7	20.2	1535.9	850.0	10.3	-1.6	211.9	7.1	3.7	6.0	296.9	311.9	5.5	61.1	1.8	18.
5.9	22.5	1786.1	825.0	14.9	-40.4	228.1	6.1	5.1	4.6	304.3	305.8	0.1	1.0	2.3	24.
7.0	24.9	2045.8	800.0	14.5	-33.8	226.2	4.1	3.1	2.9	306.6	307.5	0.3	2.2	2.6	27.
8.1	27.3	2312.8	775.0	13.0	-10.2	214.4	2.1	1.2	1.8	307.2	314.7	2.3	18.9	2.8	28.
9.2	29.7	2587.0	750.0	11.0	-12.3	207.7	3.2	1.5	2.8	308.5	314.5	2.0	18.2	3.0	29.
10.2	32.1	2868.3	725.0	8.7	-10.2	191.7	2.9	0.5	2.5	309.0	316.4	2.4	25.0	3.2	29.
11.4	34.7	3157.0	700.0	5.8	-13.4	158.3	1.7	-0.4	1.1	309.0	314.9	1.9	23.6	3.3	27.
12.6	37.2	3453.4	675.0	4.3	-27.6	107.7	2.1	-2.0	0.6	310.5	312.9	0.7	9.7	3.3	26.
13.7	39.7	3759.4	650.0	2.5	-40.1	111.4	2.3	-2.1	0.8	311.2	313.0	0.1	2.8	3.2	23.
14.9	42.3	4074.6	625.0	0.2	-49.8	219.2	1.1	0.9	1.1	312.7	313.0	0.1	1.0	3.3	21.
16.3	45.1	4400.7	600.0	-1.1	-50.6	290.6	3.2	3.0	-1.1	314.9	315.1	0.1	1.0	3.3	24.
17.5	47.8	4738.7	575.0	-2.9	-51.8	294.7	5.5	5.1	-2.3	316.6	316.8	0.1	1.0	3.3	29.
19.9	50.7	5089.5	550.0	-4.9	-26.5	294.2	7.1	6.5	-2.9	318.2	321.0	0.8	17.1	3.4	39.
21.1	53.5	5453.9	525.0	-6.5	-54.0	284.2	6.1	5.9	-1.5	320.6	320.8	0.0	1.0	3.6	47.
21.6	56.4	5834.4	500.0	-8.4	-16.2	280.7	6.1	6.0	-1.1	322.8	329.8	2.2	53.4	3.9	53.
23.1	59.5	6230.4	475.0	-11.3	-18.6	288.8	6.3	6.0	-2.0	323.9	329.9	1.8	53.7	4.3	58.
24.8	62.6	6643.3	450.0	-14.0	-18.4	292.7	6.5	7.9	-3.3	325.7	332.2	2.0	69.2	4.8	66.
26.4	65.8	7075.1	425.0	-16.7	-25.8	284.4	9.1	8.9	-2.3	327.6	331.3	1.1	45.1	5.5	72.
28.4	69.1	7528.9	400.0	-19.5	-28.9	283.3	9.7	9.5	-2.2	329.7	332.7	0.9	42.7	6.4	77.
30.3	72.4	8005.0	375.0	-23.7	-32.4	285.3	13.8	13.3	-3.6	330.2	332.6	0.7	44.5	7.6	81.
32.3	76.0	8505.4	350.0	-27.6	-35.6	290.5	17.4	16.3	-6.1	331.6	333.4	0.5	46.1	9.4	87.
34.4	79.7	9034.4	325.0	-31.8	-40.5	286.9	15.3	14.7	-4.5	332.5	335.1	0.3	41.4	11.3	91.
36.7	83.5	9596.0	300.0	-35.8	-48.0	296.9	16.1	14.3	-7.3	334.9	335.5	0.2	27.0	13.3	94.
39.2	87.5	10194.7	275.0	-40.8	99.9	286.4	18.1	17.4	-5.1	336.2	999.9	99.9	999.9	15.7	97.
41.8	91.8	10832.6	250.0	-45.9	99.9	280.9	21.7	21.3	-4.1	337.5	999.9	99.9	999.9	18.7	98.
44.3	96.2	11529.6	225.0	-50.7	99.9	294.6	34.2	31.1	-14.2	340.8	999.9	99.9	999.9	22.6	100.
47.4	101.0	12289.2	200.0	-54.7	99.9	303.0	41.4	34.7	-22.5	346.1	999.9	99.9	999.9	29.6	104.
50.6	106.2	13132.1	175.0	-60.3	99.9	307.4	44.4	35.3	-27.0	350.3	999.9	99.9	999.9	37.4	109.
54.1	111.8	14075.8	150.0	-67.2	99.9	304.0	34.9	28.9	-19.5	354.3	999.9	99.9	999.9	45.9	113.
58.0	118.0	15174.1	125.0	-69.3	99.9	281.9	23.6	23.1	-4.9	369.5	999.9	99.9	999.9	52.4	113.
63.0	125.3	16505.7	100.0	-67.5	99.9	283.8	16.0	15.5	-3.7	397.4	999.9	99.9	999.9	58.5	112.
69.0	133.7	18238.6	75.0	-67.2	99.9	311.6	5.0	3.8	-3.3	432.0	999.9	99.9	999.9	61.4	111.
77.5	144.0	20725.9	50.0	-59.7	99.9	80.6	6.4	-6.3	-1.0	502.9	999.9	99.9	999.9	59.5	112.
90.8	156.0	25194.1	25.0	-47.3	99.9	72.8	8.5	-8.1	-2.5	648.7	999.9	99.9	999.9	52.9	114.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

20 MAY 1979
1705 GMT

167 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	5.0	1016.1	27.2	19.5	200.0	5.1	1.7	4.8	299.0	336.6	14.3	63.0	0.0	0.
0.4	6.8	146.3	1000.0	25.3	17.2	196.4	6.5	1.8	6.2	298.5	331.6	12.5	60.8	0.3	27.
1.2	8.7	368.2	975.0	22.7	16.9	192.9	6.6	1.5	6.4	298.0	331.1	12.5	69.9	0.6	21.
1.8	13.7	594.3	950.0	20.8	16.8	194.5	6.1	1.5	5.9	298.4	332.1	12.8	77.5	0.9	18.
2.6	12.8	824.7	925.0	18.2	16.0	190.1	5.4	1.0	5.4	298.0	330.9	12.5	86.6	1.1	18.
3.5	14.9	1059.5	900.0	16.6	13.4	198.2	4.4	1.5	4.7	298.6	327.5	10.8	81.6	1.4	16.
4.4	17.0	1299.6	875.0	15.7	13.4	198.2	5.1	3.0	4.1	300.1	321.2	7.7	60.0	1.6	18.
5.4	19.2	1546.3	850.0	16.9	-4.2	222.8	5.4	3.8	4.1	303.9	313.4	3.3	23.2	1.9	22.
6.4	21.4	1800.6	825.0	17.8	-8.8	217.7	5.4	3.4	4.4	307.4	314.7	2.4	15.6	2.3	25.
7.3	23.6	2062.9	800.0	18.5	-4.1	211.7	4.9	2.6	4.2	308.6	319.3	3.5	24.0	2.5	26.
8.4	25.9	2231.7	775.0	14.0	-2.7	208.3	4.9	2.3	4.3	308.9	320.8	4.0	31.2	2.8	26.
9.3	28.2	2607.3	750.0	11.7	-2.0	204.6	4.1	1.8	3.9	309.3	322.3	4.4	38.3	3.1	26.
10.4	30.6	2889.5	725.0	9.1	-4.0	200.4	4.2	1.5	3.9	309.4	321.0	3.9	39.4	3.4	26.
11.5	33.1	3178.9	700.0	6.9	-5.4	201.4	3.8	1.4	3.6	310.1	321.0	3.7	41.2	3.6	26.
12.7	35.6	3476.4	675.0	4.2	-8.1	181.7	2.3	0.1	2.8	310.3	319.6	3.1	40.3	3.9	25.
13.9	38.2	3722.8	650.0	2.9	-13.7	157.9	2.2	-0.8	2.0	312.2	318.6	2.0	28.2	4.0	24.
15.1	40.9	4058.9	625.0	0.6	-15.6	230.9	1.3	1.0	0.8	313.1	318.2	1.8	28.6	4.1	22.
16.2	43.6	4426.1	600.0	-0.7	-14.6	312.3	2.9	2.1	-2.0	315.4	321.9	2.1	34.4	4.1	24.
17.4	46.4	4764.9	575.0	-2.7	-19.7	308.1	5.0	3.9	-3.1	316.2	321.4	1.4	26.3	4.0	28.
18.7	49.3	5116.0	550.0	-5.0	-11.7	291.2	6.0	5.5	-2.2	318.2	327.1	2.9	59.4	4.0	34.
21.7	55.4	5862.5	500.0	-6.3	-9.6	268.8	7.8	7.8	0.2	320.8	331.8	3.5	77.8	4.3	41.
23.3	58.5	6260.3	475.0	-7.8	-11.7	264.3	7.9	7.9	0.8	323.5	333.4	3.1	73.5	4.8	47.
24.8	61.8	6675.9	450.0	-10.0	-15.2	255.4	7.7	7.5	2.0	325.6	333.5	2.5	65.7	5.5	51.
26.4	65.1	7110.5	425.0	-12.4	-19.1	256.2	10.3	10.0	2.5	327.7	333.9	1.9	56.9	6.2	54.
28.0	68.7	7565.6	400.0	-15.3	-22.0	263.8	13.2	13.1	1.4	329.2	334.5	1.5	56.3	7.3	58.
29.6	72.4	8042.8	375.0	-19.0	-24.2	276.3	12.8	12.7	-1.4	330.4	334.9	1.3	63.1	8.3	63.
31.4	76.3	8545.8	350.0	-22.8	-24.9	284.5	14.0	13.6	-3.6	331.5	336.1	1.3	82.4	9.3	68.
33.4	80.5	9077.7	325.0	-26.2	-30.1	272.3	16.2	15.2	-0.7	333.4	336.5	0.9	69.8	10.8	72.
35.6	84.8	9642.1	300.0	-30.2	-36.0	276.9	18.5	18.7	-2.3	335.1	337.1	0.5	56.1	12.6	76.
37.7	89.4	10243.0	275.0	-34.7	-40.8	278.8	18.7	18.5	-2.9	336.4	337.7	0.4	53.8	15.1	79.
39.9	94.2	10886.5	250.0	-40.0	99.9	276.9	20.0	19.8	-2.4	337.3	999.9	99.9	99.9	17.4	82.
42.3	99.5	11581.3	225.0	-45.5	99.9	278.0	20.8	20.6	-2.9	338.4	999.9	99.9	99.9	20.1	84.
45.0	105.2	12339.7	200.0	-50.4	99.9	285.8	25.4	24.4	-6.9	341.3	999.9	99.9	99.9	23.0	86.
49.1	111.5	13182.2	175.0	-56.2	99.9	292.0	36.7	34.0	-13.8	343.2	999.9	99.9	99.9	27.8	90.
51.3	118.2	14129.1	150.0	-59.8	99.9	298.1	43.3	38.2	-20.4	351.2	999.9	99.9	99.9	34.8	96.
54.8	125.7	15231.7	125.0	-66.0	99.9	298.2	37.5	33.0	-17.7	356.4	999.9	99.9	99.9	42.6	100.
59.4	134.3	16565.0	100.0	-67.3	99.9	273.7	24.4	24.4	-1.6	373.2	999.9	99.9	99.9	48.4	101.
65.0	144.0	18292.6	75.0	-68.3	99.9	283.5	15.5	15.0	-3.6	399.6	999.9	99.9	99.9	54.0	101.
73.4	155.0	20789.3	50.0	-65.4	99.9	268.6	5.6	5.6	0.1	427.4	999.9	99.9	99.9	57.3	101.
85.8	166.0	25229.6	25.0	-56.9	99.9	164.6	4.0	-1.1	3.8	509.3	999.9	99.9	99.9	56.7	101.
				-50.7	99.9	994.9	99.9	99.9	99.9	638.8	999.9	99.9	99.9	52.3	100.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
 LAKE CHARLES, LOUISIANA

 20 MAY 1979
 2005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	5.0	1014.7	27.2	19.5	180.0	5.1	0.0	5.1	299.2	336.8	14.3	63.0	0.0	0.
0.5	6.4	134.0	1000.0	25.1	17.8	180.6	7.0	0.1	7.0	298.2	332.4	12.9	64.0	0.3	16.
1.4	8.6	356.0	975.0	22.8	17.5	168.1	7.8	-1.6	7.7	298.1	332.6	13.1	72.2	0.7	2.
2.0	10.7	582.2	950.0	21.1	17.6	160.4	7.3	0.0	7.3	298.6	334.2	13.5	80.6	0.9	35.
2.8	12.9	812.8	925.0	18.6	16.9	160.6	6.0	0.8	6.8	298.4	333.3	13.2	89.6	1.3	1.
3.6	15.1	1048.0	900.0	16.6	15.6	185.0	6.1	0.5	6.1	298.7	331.9	12.6	93.8	1.6	3.
4.5	17.4	1288.3	875.0	14.6	14.0	183.0	5.1	0.3	5.1	299.0	329.8	11.6	95.9	1.9	2.
5.4	19.6	1533.8	850.0	12.6	12.6	209.3	4.0	2.2	4.0	302.5	305.8	1.1	8.4	2.1	3.
6.1	21.8	1726.9	825.0	10.5	10.5	213.5	4.4	2.4	3.6	306.1	306.6	0.1	1.0	2.3	6.
7.1	24.2	2047.9	800.0	8.3	8.3	206.3	4.1	1.8	3.6	308.5	309.2	0.2	1.4	2.5	8.
8.0	26.5	2316.3	775.0	6.1	6.1	219.6	4.1	2.7	3.3	309.2	314.2	1.6	12.5	2.7	10.
9.0	28.9	2591.3	750.0	4.0	4.0	224.4	4.6	3.2	3.3	309.1	315.0	1.9	17.2	2.9	13.
10.0	31.3	2873.4	725.0	2.0	2.0	228.0	4.5	3.2	3.0	309.5	313.9	1.3	12.2	3.2	16.
11.2	33.7	3162.8	700.0	0.0	0.0	221.7	4.1	2.7	3.1	310.2	315.4	1.7	19.0	3.5	18.
12.2	36.2	3460.3	675.0	-2.0	-2.0	217.7	3.3	2.0	2.6	311.5	313.1	0.5	6.0	3.7	19.
13.2	38.8	3766.9	650.0	-4.0	-4.0	249.7	3.1	3.1	1.1	312.7	314.5	0.5	7.2	3.8	21.
14.4	41.4	4084.1	625.0	-6.0	-6.0	274.9	5.2	5.2	-0.4	315.0	319.2	1.3	18.4	3.9	25.
15.5	44.0	4411.9	600.0	-8.0	-8.0	283.1	6.0	5.8	-1.4	315.2	322.2	2.2	37.0	4.1	30.
16.7	46.7	4750.7	575.0	-10.0	-10.0	277.6	5.1	5.1	-0.7	316.7	327.8	3.6	67.3	4.2	35.
17.8	49.4	5102.2	550.0	-12.0	-12.0	260.3	6.2	6.1	1.1	318.5	330.9	4.0	82.3	4.4	39.
19.0	52.2	5467.5	525.0	-14.0	-14.0	255.6	8.6	8.3	2.1	320.3	332.9	4.1	92.5	4.9	43.
20.2	55.1	5847.9	500.0	-16.0	-16.0	254.0	10.3	9.9	2.8	322.4	333.9	3.7	93.2	5.5	47.
21.6	58.1	6244.9	475.0	-18.0	-18.0	255.4	12.5	12.1	3.1	324.6	334.8	3.2	91.6	6.3	51.
23.0	61.1	6658.8	450.0	-20.0	-20.0	263.0	12.5	12.4	1.5	326.5	335.5	2.8	91.3	7.2	55.
24.3	64.3	7092.3	425.0	-22.0	-22.0	266.8	11.6	11.6	0.7	328.5	336.1	2.3	89.0	8.1	58.
25.8	67.4	7546.5	400.0	-24.0	-24.0	271.0	10.9	10.9	-0.2	330.3	334.6	1.3	60.0	8.9	61.
27.4	70.9	8024.2	375.0	-26.0	-26.0	267.6	12.4	12.4	0.5	332.1	335.3	0.9	53.5	9.9	64.
29.0	74.3	8528.6	350.0	-28.0	-28.0	270.5	15.0	15.0	-0.1	334.4	336.7	0.6	47.2	11.2	67.
30.8	77.9	9061.9	325.0	-30.0	-30.0	271.2	18.3	18.3	-0.4	336.4	337.8	0.4	37.6	12.8	70.
32.7	81.6	9628.6	300.0	-32.0	-32.0	269.1	20.9	20.9	0.3	337.8	338.4	0.2	33.0	15.0	73.
34.9	85.5	10231.5	275.0	-34.0	-34.0	269.9	23.3	23.3	0.0	338.5	339.3	0.2	41.9	17.7	76.
37.1	89.7	10876.6	250.0	-36.0	-36.0	273.0	24.2	24.1	-1.3	339.3	339.9	99.9	99.9	20.8	78.
39.6	94.2	11571.4	225.0	-38.0	-38.0	275.2	28.6	28.7	-2.6	340.6	339.9	99.9	99.9	24.5	81.
42.1	98.8	12329.1	200.0	-40.0	-40.0	280.0	34.4	33.8	-6.0	343.7	339.9	99.9	99.9	29.0	83.
45.3	104.0	13168.5	175.0	-42.0	-42.0	292.1	40.9	37.5	-15.2	351.1	339.9	99.9	99.9	35.9	86.
49.8	109.5	14118.0	150.0	-44.0	-44.0	291.1	34.8	32.5	-12.5	358.2	339.9	99.9	99.9	43.3	93.
52.1	115.7	15221.6	125.0	-46.0	-46.0	273.7	27.9	27.9	-1.8	376.7	339.9	99.9	99.9	49.7	94.
56.5	122.7	16561.7	100.0	-48.0	-48.0	274.0	16.8	16.8	-1.2	393.6	339.9	99.9	99.9	55.4	94.
62.3	131.0	18283.0	75.0	-50.0	-50.0	308.4	7.7	6.0	-4.8	428.5	339.9	99.9	99.9	59.3	94.
70.9	141.3	20785.6	50.0	-52.0	-52.0	180.0	4.7	0.0	4.7	505.5	339.9	99.9	99.9	58.9	94.
84.4	153.5	25231.6	25.0	-54.0	-54.0	97.7	6.7	-6.6	0.9	646.2	339.9	99.9	99.9	53.5	94.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

20 MAY 1979
2305 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.9	5.0	1013.7	26.7	19.6	180.0	5.1	0.0	5.1	298.7	336.4	14.3	65.0	0.0	0.
0.6	6.2	124.9	1000.0	24.3	18.6	184.9	8.4	0.7	8.4	297.5	333.3	13.6	70.5	0.3	357.
1.4	8.4	348.7	975.0	22.4	18.4	187.3	5.8	0.8	5.9	297.7	334.0	13.8	78.1	0.7	2.
2.3	10.6	572.6	950.0	20.1	18.3	188.2	7.1	1.0	7.0	297.6	334.7	14.1	89.6	1.0	5.
3.2	12.9	802.4	925.0	17.7	16.6	189.6	6.6	1.1	6.5	297.4	331.7	13.0	93.2	1.4	5.
4.0	15.2	1036.9	900.0	16.3	12.1	193.9	6.1	1.7	6.7	298.3	324.9	9.9	76.1	1.7	7.
4.8	17.5	1277.0	875.0	15.9	4.4	189.3	7.4	1.2	7.3	300.3	317.6	6.3	48.3	2.1	8.
5.7	19.8	1522.4	850.0	14.7	-5.7	184.8	6.7	0.6	6.7	301.2	310.1	2.9	23.9	2.5	8.
6.7	22.2	1774.0	825.0	14.1	-32.8	192.0	5.4	1.2	5.6	303.5	304.0	0.2	1.2	2.8	7.
7.9	24.6	2033.4	800.0	14.3	-22.4	207.5	5.4	2.5	4.8	306.4	309.4	1.0	7.7	3.2	9.
8.9	27.1	2300.8	775.0	13.7	-6.8	213.6	4.7	2.6	4.0	308.6	317.5	3.0	23.4	3.5	11.
9.8	29.6	2575.8	750.0	11.6	-6.9	219.4	4.4	2.8	3.4	309.2	318.3	3.1	26.8	3.7	13.
10.9	32.2	2857.8	725.0	9.5	-11.3	219.3	3.1	1.9	2.4	309.5	316.8	2.3	22.0	4.0	14.
12.0	34.8	3147.6	700.0	7.6	-11.8	215.4	2.3	1.3	1.8	310.5	317.7	2.2	23.7	4.1	15.
13.1	37.3	3445.5	675.0	4.6	-14.4	227.4	2.1	1.8	1.7	310.8	316.5	1.9	23.8	4.2	16.
14.2	40.1	3751.9	650.0	3.2	-14.2	243.5	1.4	1.3	0.6	312.4	318.8	2.0	26.5	4.4	17.
15.5	42.8	4064.5	625.0	2.1	-8.6	263.6	0.8	0.8	0.0	314.9	324.8	3.2	45.6	4.4	18.
16.8	45.6	4398.4	600.0	0.6	-5.1	241.3	4.3	3.7	2.0	316.2	330.1	4.4	65.6	4.5	19.
19.0	48.4	4739.3	575.0	-1.6	-2.9	254.6	7.1	6.9	1.9	318.1	334.3	5.4	90.7	4.8	23.
19.3	51.3	5092.7	550.0	-3.5	-5.1	272.1	8.4	8.4	-0.3	320.8	334.5	4.8	88.9	5.1	29.
20.7	54.2	5459.6	525.0	-5.8	-7.7	282.8	9.3	9.0	-2.1	321.5	334.2	4.1	86.4	5.4	36.
22.2	57.3	5841.6	500.0	-7.7	-11.6	285.6	12.0	11.6	-3.2	323.7	333.6	3.1	73.3	5.8	45.
23.5	60.4	6240.0	475.0	-9.5	-15.0	285.8	14.5	14.0	-4.0	326.2	334.3	2.5	64.3	6.4	53.
25.1	63.6	6656.4	450.0	-11.6	-19.4	286.2	15.1	14.5	-4.2	328.6	334.7	1.8	52.3	7.3	62.
26.7	66.9	7091.9	425.0	-14.7	-23.9	283.3	15.6	15.2	-3.6	330.2	334.6	1.3	44.9	8.5	69.
28.4	70.1	7548.5	400.0	-17.5	-30.7	285.9	15.3	15.3	-4.4	332.3	334.9	0.7	30.2	9.8	74.
30.2	73.7	8028.3	375.0	-21.6	-35.2	287.6	17.8	16.9	-5.4	333.0	334.9	0.5	27.9	11.3	79.
32.1	77.3	8532.5	350.0	-25.7	-36.2	280.1	20.4	20.1	-3.6	334.1	335.9	0.5	36.5	13.4	83.
34.2	81.1	9065.1	325.0	-30.1	-37.3	276.8	21.6	21.5	-2.6	335.2	336.9	0.5	49.4	16.0	85.
36.3	85.0	9629.5	300.0	-34.7	-41.8	276.7	22.8	22.7	-2.7	336.4	337.6	0.3	47.9	18.7	87.
38.6	89.2	10231.1	275.0	-39.5	99.9	276.4	24.5	24.3	-2.7	338.0	999.9	99.9	999.9	21.9	89.
40.8	93.4	10875.7	250.0	-45.1	99.9	277.2	27.7	27.4	-3.1	339.1	999.9	99.9	999.9	25.3	90.
43.5	98.0	11571.5	225.0	-50.4	99.9	275.8	31.3	31.1	-3.1	341.3	999.9	99.9	999.9	30.0	91.
46.5	102.8	12331.5	200.0	-55.9	99.9	277.7	34.8	34.5	-4.7	344.2	999.9	99.9	999.9	35.9	92.
49.7	108.2	13168.9	175.0	-62.2	99.9	288.1	37.7	35.8	-11.7	347.3	999.9	99.9	999.9	43.1	93.
53.3	114.0	14114.6	150.0	-65.5	99.9	286.6	31.7	30.4	-9.1	357.2	999.9	99.9	999.9	49.6	96.
57.2	120.3	15206.3	125.0	-70.0	99.9	294.6	34.3	34.3	-9.0	368.3	999.9	99.9	999.9	57.9	97.
62.2	127.7	16533.0	100.0	-71.7	99.9	279.4	19.2	19.0	-3.1	369.1	999.9	99.9	999.9	65.7	98.
68.5	136.0	18248.3	75.0	-69.1	99.9	233.2	5.8	4.7	3.5	428.1	999.9	99.9	999.9	70.5	98.
77.4	146.5	20753.3	50.0	-56.9	99.9	215.2	4.1	2.4	3.4	509.4	999.9	99.9	999.9	69.2	98.
91.2	159.0	25225.9	25.0	-47.7	99.9	67.6	6.6	-6.1	-2.5	647.6	999.9	99.9	999.9	63.8	100.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

21 MAY 1979
305 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	5.0	1013.4	22.2	19.9	180.0	2.6	0.0	2.6	294.2	332.0	14.7	87.0	0.0	0.
0.3	6.1	121.6	1000.0	24.1	20.0	184.4	5.6	0.4	5.6	297.3	336.2	14.9	77.7	0.3	4.
1.2	8.1	343.3	975.0	22.4	19.0	186.2	6.9	0.7	6.9	297.8	335.4	14.4	80.9	0.6	5.
2.1	10.1	569.0	950.0	19.9	17.3	189.3	7.4	1.2	7.3	297.3	332.2	13.3	85.4	0.9	6.
3.0	12.2	799.0	925.0	18.3	13.0	192.8	8.1	1.8	7.9	298.1	325.7	10.4	71.6	1.3	8.
3.9	14.3	1033.9	900.0	18.2	5.0	196.6	9.0	2.6	8.7	300.3	317.3	6.1	42.0	1.8	9.
4.8	16.4	1274.5	875.0	16.3	6.6	195.2	9.1	2.5	9.1	300.7	320.2	7.1	52.7	2.3	11.
5.6	18.6	1520.4	850.0	15.3	-8.1	186.4	9.1	1.0	9.2	302.2	309.8	2.6	20.3	2.8	11.
6.6	20.8	1772.6	825.0	14.8	-14.6	184.4	7.1	0.6	7.8	304.2	308.8	1.5	11.7	3.3	10.
7.7	23.1	2031.9	800.0	14.7	-18.5	184.3	5.7	0.4	5.8	306.9	310.4	1.1	8.5	3.7	9.
8.7	25.4	2299.9	775.0	13.7	-2.5	187.5	5.9	0.7	5.5	308.6	320.7	4.2	32.8	4.1	9.
9.7	27.7	2575.5	750.0	12.3	-4.9	188.3	5.2	0.8	5.2	309.5	320.5	3.6	29.8	4.4	9.
10.6	30.1	2858.4	725.0	10.6	-8.0	182.2	4.3	0.2	4.0	311.0	319.8	2.9	26.2	4.6	9.
11.6	32.6	3149.7	700.0	9.2	-11.6	192.7	3.2	0.7	3.1	312.9	322.3	2.2	21.6	4.8	9.
12.7	35.1	3445.9	675.0	7.4	-9.6	217.5	3.1	2.0	2.6	313.9	322.3	2.7	28.7	5.0	9.
13.8	37.7	3759.7	650.0	5.1	-5.9	244.2	4.4	4.0	1.9	314.7	326.3	3.8	45.6	5.2	11.
14.9	40.3	4076.7	625.0	2.3	-1.0	269.4	5.2	5.2	0.1	315.1	332.2	5.8	79.8	5.3	14.
16.2	43.1	4408.2	600.0	0.5	-0.9	278.6	6.3	5.9	-0.9	316.7	334.5	6.0	90.4	5.4	19.
17.4	45.9	4750.3	575.0	0.6	-6.8	284.2	9.3	8.7	-2.2	320.7	333.2	4.0	57.9	5.5	24.
18.6	48.8	5106.2	550.0	-1.8	-11.5	290.2	11.3	11.1	-4.1	321.9	331.1	2.9	47.4	5.6	32.
19.9	51.8	5475.5	525.0	-3.5	-17.0	287.6	14.1	13.7	-4.4	324.3	330.5	1.9	34.1	5.9	42.
21.3	54.9	5855.6	500.0	-6.1	-21.9	288.1	15.0	14.3	-4.7	325.6	330.0	1.3	27.2	6.6	52.
22.7	58.1	6259.0	475.0	-8.8	-28.2	292.5	14.8	13.6	-5.7	327.1	329.8	0.8	19.0	7.3	61.
24.2	61.4	6675.4	450.0	-12.0	-27.1	295.1	12.4	11.2	-5.3	328.1	331.3	0.9	27.1	8.1	67.
25.7	64.9	7110.3	425.0	-14.8	-24.9	295.0	12.8	11.6	-5.4	330.0	334.1	1.2	41.6	8.8	73.
27.4	68.4	7566.4	400.0	-18.2	-28.7	286.4	15.7	15.1	-4.4	331.3	334.4	0.9	39.1	10.0	78.
29.2	72.1	8044.8	375.0	-22.1	-29.6	280.7	19.4	19.1	-3.6	332.4	335.5	0.9	50.0	11.7	82.
31.0	76.0	8548.2	350.0	-26.2	-30.9	274.6	21.4	21.3	-1.7	333.5	336.4	0.8	64.1	13.8	84.
32.9	80.2	9081.2	325.0	-29.7	-36.2	272.0	23.6	23.6	-0.8	335.7	337.6	0.5	53.0	16.4	85.
34.9	84.5	9646.9	300.0	-34.2	-41.0	268.9	25.8	25.8	0.5	337.2	338.5	0.3	50.0	19.4	86.
37.2	99.0	10249.1	275.0	-39.2	-44.8	268.5	29.6	29.6	0.8	338.5	339.5	0.2	54.4	23.1	88.
39.8	94.0	10895.5	250.0	-44.4	99.9	271.7	32.7	32.7	-1.0	340.1	999.9	99.9	99.9	28.1	87.
42.3	98.2	11594.5	225.0	-48.2	99.9	276.3	32.3	32.1	-3.6	344.6	999.9	99.9	99.9	32.9	88.
45.4	105.0	12360.7	200.0	-54.1	99.9	275.0	35.3	35.1	-3.1	347.2	999.9	99.9	99.9	39.1	89.
49.1	111.3	13203.8	175.0	-60.9	99.9	281.9	35.2	34.4	-7.2	349.4	999.9	99.9	99.9	47.1	91.
52.4	118.0	14142.1	150.0	-65.0	99.9	275.3	35.1	35.0	-3.3	351.3	999.9	99.9	99.9	53.6	92.
55.9	125.7	15230.6	125.0	-67.6	99.9	281.7	36.2	35.5	-7.3	372.5	999.9	99.9	99.9	61.2	92.
60.1	134.3	16568.4	100.0	-70.6	99.9	279.4	19.9	19.7	-3.3	391.3	999.9	99.9	99.9	68.8	94.
66.2	144.0	18284.7	75.0	-69.8	99.9	311.1	5.2	3.9	-3.4	426.5	999.9	99.9	99.9	72.4	94.
75.2	153.0	20743.4	50.0	-58.8	99.9	105.3	5.8	-5.6	1.5	504.6	999.9	99.9	99.9	70.6	94.
88.9	166.0	22218.1	25.0	-50.7	99.9	83.3	6.8	-6.7	-0.8	639.0	999.9	99.9	99.9	65.3	95.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

21 MAY 1979
085 GMT

133 80. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	5.0	1013.7	20.0	18.8	150.0	2.4	-0.9	2.4	292.0	327.0	13.7	93.0	0.0	0.
0.5	6.4	123.6	1000.0	22.2	19.3	174.9	7.1	-0.6	7.1	295.3	332.3	14.3	83.8	0.3	351.
1.4	8.6	343.9	975.0	20.7	18.2	183.7	8.3	0.5	8.3	290.0	331.6	13.6	85.5	0.6	357.
2.2	13.9	568.4	950.0	19.6	15.9	188.0	9.1	1.3	9.2	297.1	328.8	12.1	79.3	1.1	0.
3.1	13.2	798.0	925.0	19.0	5.3	188.7	9.1	1.4	9.1	298.2	315.4	6.0	40.3	1.6	4.
3.9	15.5	1032.8	900.0	17.8	4.2	194.2	9.7	2.4	9.4	299.2	315.8	5.7	40.4	2.1	4.
4.9	17.9	1272.9	875.0	16.0	6.0	198.1	10.1	3.1	9.6	300.2	319.1	6.7	51.4	2.6	8.
5.8	20.3	1518.8	850.0	16.1	-15.4	199.3	9.1	1.5	9.1	303.0	307.3	1.4	10.4	3.1	9.
6.8	22.6	1772.1	825.0	16.3	-15.0	198.7	8.3	1.3	8.2	305.2	310.5	1.5	11.0	3.7	8.
7.8	25.0	2033.1	800.0	15.6	-0.8	195.4	6.7	1.8	6.5	307.2	321.0	4.5	32.6	4.1	9.
8.8	27.5	2301.5	775.0	13.9	-2.3	203.7	6.8	2.7	6.3	308.2	321.0	4.2	32.6	4.5	10.
9.8	30.0	2576.7	750.0	12.2	-8.6	208.6	6.7	3.2	5.9	309.2	317.9	2.7	22.3	4.9	11.
10.8	32.6	2859.4	725.0	10.1	-10.2	213.6	5.6	3.1	4.7	310.2	318.0	2.4	22.8	5.3	13.
12.0	35.2	3149.9	700.0	8.5	-13.3	217.4	4.2	2.5	3.3	311.9	317.9	2.0	19.8	5.6	14.
13.1	37.8	3449.3	675.0	6.5	-13.2	214.1	3.7	2.1	3.1	312.9	319.3	2.0	22.9	5.8	15.
14.4	40.5	3757.8	650.0	4.1	-2.8	244.5	2.1	2.0	0.9	313.4	327.8	4.8	68.8	6.0	16.
15.6	43.2	4076.6	625.0	3.2	-1.9	244.5	6.1	2.4	-2.5	316.1	332.0	5.3	69.2	6.0	18.
16.9	46.0	4406.7	600.0	1.9	-6.7	305.5	10.1	8.2	-5.9	318.3	330.2	3.9	52.8	5.9	24.
18.3	49.0	4748.5	575.0	-0.9	-10.5	304.1	10.3	9.0	-6.1	319.0	328.3	3.0	47.8	5.8	33.
19.6	51.9	5102.2	550.0	-3.3	-11.4	296.7	10.3	9.2	-4.6	320.2	329.3	2.9	53.2	5.8	41.
20.8	54.9	5468.2	525.0	-6.4	-11.5	289.3	9.1	9.3	-3.2	320.2	330.3	3.0	67.0	6.1	48.
22.4	58.0	5847.9	500.0	-9.1	-18.1	284.0	10.2	9.9	-2.5	322.0	328.0	1.8	47.9	6.6	54.
23.9	61.1	6243.6	475.0	-11.3	-19.1	278.4	12.3	12.2	-1.8	324.0	329.8	1.8	52.1	7.4	60.
25.5	64.4	6657.9	450.0	-12.6	-26.2	274.3	12.1	12.1	-0.9	327.4	330.9	1.0	31.1	8.4	65.
27.2	67.7	7091.3	425.0	-15.9	-31.7	272.2	13.3	13.3	-0.5	328.4	330.9	0.6	24.3	9.5	69.
28.8	71.1	7544.6	400.0	-20.0	-26.9	265.3	14.3	14.8	1.2	329.0	332.6	1.1	54.2	10.7	71.
30.4	74.7	8020.5	375.0	-23.7	-27.7	267.0	17.4	17.4	0.9	330.3	333.9	1.0	69.3	12.3	73.
32.3	78.3	8521.8	350.0	-27.2	-28.7	267.1	20.9	20.9	1.0	332.1	335.6	1.0	86.8	14.3	75.
34.3	82.2	9051.6	325.0	-31.2	-34.9	271.4	24.7	24.7	-0.6	333.6	335.8	0.6	70.0	16.9	77.
36.3	86.2	9613.3	300.0	-36.0	-40.0	266.6	27.3	27.3	1.6	334.6	336.1	0.4	66.4	19.9	79.
38.5	90.4	10211.3	275.0	-41.0	-49.9	265.1	29.1	29.0	2.5	335.9	339.9	99.9	99.9	23.6	80.
40.8	94.8	10853.1	250.0	-45.3	-59.9	271.0	33.7	33.7	-0.6	338.7	339.9	99.9	99.9	27.9	81.
43.6	99.6	11549.3	225.0	-50.4	-69.9	274.0	37.6	37.5	-2.6	341.2	339.9	99.9	99.9	33.5	83.
46.3	104.6	12307.2	200.0	-56.7	-79.9	278.3	40.7	40.3	-5.9	343.1	339.9	99.9	99.9	40.0	85.
49.2	110.0	13140.4	175.0	-63.3	-89.9	279.6	35.5	35.0	-5.9	345.2	339.9	99.9	99.9	46.6	87.
52.5	116.0	14073.4	150.0	-68.8	-99.9	267.8	31.9	31.9	1.4	341.2	339.9	99.9	99.9	53.0	88.
56.1	122.7	15162.8	125.0	-70.2	-99.9	275.2	33.3	33.1	-3.0	337.9	339.9	99.9	99.9	60.5	88.
60.0	130.0	16493.7	100.0	-71.2	-99.9	267.5	17.8	17.8	0.8	330.1	339.9	99.9	99.9	66.1	89.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

† BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

21 MAY 1979
905 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	5.0	1013.0	21.1	19.4	130.0	2.1	-1.6	1.3	329.2	329.6	14.2	90.0	0.0	0.
0.5	5.6	117.7	1000.0	22.8	18.9	174.0	0.6	-0.7	6.6	296.0	332.2	13.9	78.5	0.2	355.
1.3	7.9	338.5	975.0	21.2	18.6	185.5	8.0	0.8	8.0	296.2	333.1	14.0	84.8	0.6	360.
2.2	10.2	563.4	950.0	18.9	17.5	187.4	8.1	1.0	8.0	296.4	331.4	13.4	90.5	1.0	3.
3.0	12.6	792.8	925.0	17.1	15.5	187.7	8.1	1.2	8.8	296.8	328.7	12.1	90.5	1.4	4.
3.9	15.0	1026.8	900.0	17.5	13.9	191.6	9.1	1.9	9.1	299.6	315.3	5.7	40.5	1.9	6.
4.8	17.4	1267.4	875.0	16.7	1.3	190.7	8.0	1.6	8.7	301.2	314.7	4.8	35.2	2.4	7.
5.8	19.9	1513.6	850.0	15.9	-1.3	188.9	9.2	1.4	9.1	302.2	314.5	4.1	30.8	2.9	7.
6.7	22.4	1766.6	825.0	15.5	-14.8	192.2	10.1	2.1	9.8	305.0	310.0	3.7	12.6	3.4	8.
7.6	24.9	2026.6	800.0	14.7	-3.4	195.7	9.1	2.5	8.9	306.8	317.7	3.7	28.4	4.0	9.
8.5	27.5	2294.7	775.0	13.7	-4.3	199.5	7.3	2.5	7.1	308.2	319.2	3.6	28.5	4.4	10.
9.5	30.1	2569.8	750.0	12.0	-5.7	207.9	7.1	3.4	6.5	309.6	319.6	3.3	28.5	4.9	11.
10.5	32.8	2852.5	725.0	10.2	-9.0	227.2	6.6	4.9	4.5	310.6	318.7	2.7	24.8	5.2	13.
11.6	35.5	3142.9	700.0	7.8	-9.3	241.2	5.7	5.0	2.7	311.1	319.3	2.7	28.6	5.5	16.
12.6	38.2	3441.9	675.0	6.3	-1.5	238.6	5.4	4.6	2.8	312.7	327.7	5.1	57.4	5.8	18.
13.5	41.1	3750.8	650.0	4.1	0.3	259.4	6.1	6.0	1.1	313.6	331.3	6.1	76.5	6.0	20.
14.7	43.9	4068.9	625.0	1.9	-1.3	279.5	8.0	7.9	-1.3	314.6	331.1	5.6	79.5	6.1	24.
15.8	47.0	4397.7	600.0	0.4	-5.0	289.5	8.8	8.1	-2.9	316.2	329.8	4.4	67.1	6.2	30.
16.9	49.9	4738.0	575.0	-2.5	-6.4	299.9	8.3	7.8	-2.8	317.1	329.6	4.1	74.5	6.4	34.
19.1	52.9	5089.4	550.0	-5.7	-7.2	286.1	8.9	8.5	-2.5	317.3	329.7	4.1	89.6	6.5	40.
19.4	56.1	5422.8	525.0	-8.6	-11.7	278.5	9.3	9.2	-1.4	318.0	327.4	3.0	79.5	6.9	45.
20.6	59.3	5830.0	500.0	-10.3	-20.0	271.0	11.6	11.6	-0.2	320.5	325.5	1.6	44.8	7.4	49.
22.0	62.6	6224.2	475.0	-12.4	-19.1	261.0	14.1	14.0	2.2	322.7	328.4	1.8	57.0	8.3	54.
23.5	66.0	6636.3	450.0	-13.7	-25.4	251.5	15.7	14.9	5.0	326.0	330.7	1.4	47.8	9.5	57.
24.9	69.4	7058.4	425.0	-16.8	-27.1	256.4	16.7	16.2	3.9	327.4	330.4	0.7	40.1	10.9	59.
26.5	73.0	7520.0	400.0	-20.8	-31.1	266.5	17.2	17.2	1.0	328.8	330.4	0.7	38.8	12.3	62.
28.4	76.7	7993.3	375.0	-24.8	-31.8	271.4	20.6	20.6	-0.5	328.8	331.2	0.7	51.8	14.2	66.
30.2	80.7	8493.2	350.0	-27.2	-30.3	282.8	22.6	22.4	2.8	332.1	335.2	0.9	74.5	16.5	69.
32.2	84.7	9023.6	325.0	-31.2	-34.9	260.2	24.8	24.5	4.2	333.7	335.9	0.6	65.8	19.3	71.
34.1	88.8	9585.0	300.0	-36.1	-39.9	282.1	27.7	27.4	3.8	334.5	336.0	0.4	67.4	22.2	72.
36.3	93.2	10183.6	275.0	-40.4	-49.9	287.1	32.8	32.8	1.7	336.7	339.9	99.9	999.9	26.0	74.
38.9	97.8	10825.6	250.0	-45.9	-59.9	271.8	34.8	34.8	-1.1	337.2	339.9	99.9	999.9	31.3	76.
41.8	102.8	11517.3	225.0	-52.4	-59.9	275.2	34.8	34.7	-3.2	338.2	339.9	99.9	999.9	37.0	79.
44.7	108.0	12268.2	200.0	-58.3	-59.9	278.3	37.0	36.6	-5.3	340.4	339.9	99.9	999.9	42.9	82.
49.0	113.7	13096.6	175.0	-63.8	-59.9	279.2	45.8	45.2	-7.3	344.7	339.9	99.9	999.9	51.0	85.
51.9	120.0	14027.9	150.0	-68.9	-59.9	273.0	38.2	38.2	-2.0	351.4	339.9	99.9	999.9	61.0	87.
55.9	126.7	15122.5	125.0	-68.3	-59.9	270.5	33.6	33.6	-0.3	371.4	339.9	99.9	999.9	69.1	87.
61.2	134.7	16460.4	100.0	-68.5	-59.9	286.7	15.1	14.3	-4.9	395.3	339.9	99.9	999.9	77.6	87.
67.5	143.7	18176.9	75.0	-65.8	-59.9	279.8	3.7	3.6	-0.6	426.2	339.9	99.9	999.9	78.5	88.
77.1	154.0	20656.2	50.0	-61.8	-59.9	136.7	5.9	-3.9	4.4	497.8	339.9	99.9	999.9	77.6	87.
93.7	165.5	25078.7	25.0	-50.5	-59.9	99.9	99.9	99.9	99.9	639.6	339.9	99.9	999.9	69.9	87.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION ID. 240
LAKE CHARLES, LOUISIANA

21 MAY 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DE K	E POT T DE K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	5.0	1013.0	20.6	19.4	110.0	2.1	-2.0	0.7	292.7	329.1	14.2	93.0	0.0	0.
0.5	6.2	117.7	1000.0	22.9	20.5	169.4	6.4	-1.2	0.3	296.1	335.9	15.4	86.1	0.2	359.
1.3	8.5	338.7	975.0	21.2	18.8	192.7	7.0	1.7	7.6	296.5	333.5	14.2	85.8	0.5	7.
2.2	10.9	563.9	950.0	20.0	18.6	188.8	8.0	1.4	6.8	297.5	335.3	14.4	91.8	0.9	10.
2.9	13.2	753.7	925.0	17.4	16.3	186.9	9.1	1.2	9.9	297.1	330.7	12.8	93.3	1.4	9.
3.8	15.6	1027.9	900.0	16.9	9.5	192.5	10.1	2.2	10.1	299.0	321.7	8.4	62.3	1.9	9.
4.7	18.1	1268.2	875.0	17.0	-0.8	193.1	9.5	2.5	9.1	301.5	313.2	4.1	29.7	2.5	10.
5.6	20.5	1514.9	850.0	16.1	-0.2	192.8	9.2	2.0	8.9	303.0	315.7	4.5	33.0	2.9	11.
6.5	23.0	1767.8	825.0	14.8	-1.5	193.2	9.2	2.1	9.0	304.2	316.2	4.2	32.6	3.4	11.
7.5	25.6	2021.6	800.0	14.8	-3.9	187.3	9.1	1.2	9.0	306.7	315.9	3.1	23.8	4.0	11.
8.5	28.1	2295.2	775.0	13.1	-5.2	188.2	8.4	1.2	8.3	307.9	317.9	3.4	27.5	4.5	10.
9.5	30.7	2565.8	750.0	11.2	-5.9	193.4	7.9	2.1	7.6	308.7	318.5	3.3	29.6	5.0	11.
10.6	33.4	2851.7	725.0	8.8	-8.5	203.9	6.0	2.5	5.4	309.1	320.3	3.8	38.7	5.5	11.
11.5	36.1	3141.2	700.0	6.8	-9.3	233.7	3.7	2.9	2.2	310.1	325.7	5.4	60.3	5.7	12.
12.7	38.9	3435.8	675.0	5.2	2.8	283.2	3.7	3.6	-0.8	311.5	331.5	7.0	84.4	5.8	14.
13.7	41.7	3749.5	650.0	3.9	2.3	273.8	6.0	5.9	-0.6	313.4	333.6	7.0	89.3	5.8	17.
14.8	44.5	4065.7	625.0	1.7	0.0	267.5	8.1	8.1	0.4	315.9	333.6	6.2	88.9	5.9	21.
15.9	47.4	4395.4	600.0	-0.2	-1.0	265.2	9.1	9.4	0.1	315.9	332.3	5.2	94.2	6.2	26.
17.0	50.4	4735.2	575.0	-2.8	-3.4	265.6	10.1	10.1	0.8	316.6	332.3	5.2	95.2	6.5	31.
18.2	53.4	5065.3	550.0	-5.2	-5.8	268.5	10.0	9.9	1.7	317.5	328.9	3.6	76.5	7.0	36.
19.4	56.5	5450.9	525.0	-7.2	-15.9	259.8	11.1	10.9	2.2	317.7	327.0	2.3	54.1	7.6	40.
20.8	59.7	5825.2	500.0	-10.3	-15.3	257.7	13.1	12.6	2.8	320.5	327.9	2.3	66.8	8.4	44.
21.9	63.0	6223.9	475.0	-12.0	-21.8	259.1	16.1	15.3	5.5	323.2	327.9	1.4	43.5	9.2	47.
23.1	66.4	6635.7	450.0	-13.9	-58.7	249.6	16.6	15.5	5.8	325.7	325.9	0.0	1.0	10.5	50.
24.6	69.9	7066.8	425.0	-17.4	-60.9	253.2	15.4	14.8	4.5	326.7	326.8	0.0	1.0	11.7	52.
26.2	73.4	7517.6	400.0	-20.8	-31.0	261.4	16.3	16.6	2.5	328.0	330.5	0.7	40.0	13.1	55.
27.9	77.1	7992.4	375.0	-23.7	-30.2	270.2	21.7	21.7	-0.1	330.2	333.1	0.8	54.8	14.7	59.
29.5	80.9	8493.4	350.0	-26.8	-32.7	260.4	28.3	25.9	4.4	332.6	335.0	0.7	57.1	16.9	63.
31.4	84.7	9024.8	325.0	-30.4	-38.4	250.9	28.1	24.7	8.6	334.8	336.7	0.5	55.2	19.8	64.
33.3	88.8	9562.7	300.0	-34.7	-41.8	250.0	26.7	25.6	7.4	336.5	337.7	0.3	47.9	22.9	65.
35.3	93.2	10189.8	275.0	-39.8	99.9	260.4	28.2	27.8	4.7	337.5	999.9	99.9	999.9	26.0	67.
37.4	97.8	10933.3	250.0	-45.7	99.9	263.7	31.4	31.2	3.5	338.1	999.9	99.9	999.9	29.6	69.
39.8	102.6	11526.0	225.0	-51.4	99.9	268.8	31.3	31.0	0.7	339.7	999.9	99.9	999.9	34.0	71.
42.5	107.8	12281.9	200.0	-56.1	99.9	273.9	30.7	30.5	-3.2	343.9	999.9	99.9	999.9	38.5	74.
45.5	113.5	13122.5	175.0	-60.9	99.9	275.6	38.2	38.0	-3.7	349.4	999.9	99.9	999.9	44.3	77.
48.8	119.5	14069.8	150.0	-64.9	99.9	278.0	37.9	37.9	-1.3	358.3	999.9	99.9	999.9	51.5	79.
52.5	126.2	15177.2	125.0	-65.0	99.9	271.5	37.7	37.7	-1.0	376.2	999.9	99.9	999.9	60.0	81.
56.6	133.7	16523.2	100.0	-64.8	99.9	316.5	16.1	11.1	-11.7	402.6	999.9	99.9	999.9	67.6	83.
62.3	142.5	18252.7	75.0	-70.1	99.9	225.9	4.8	3.5	3.4	425.5	999.9	99.9	999.9	68.1	83.
69.8	152.5	20732.4	50.0	-58.6	99.9	169.7	5.2	-0.9	5.1	505.5	999.9	99.9	999.9	68.0	82.
81.7	164.0	25185.3	21.0	-50.3	99.9	79.6	6.6	-6.5	-1.2	640.2	999.9	99.9	999.9	68.2	82.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
 LONGVIEW, TEXAS

 20 MAY 1979
 1100 GMT

TIME MIN	CNCT	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U CCMF M/SEC	V CCMF M/SEC	POT 'T DEG K	E POT 'T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.9	124.0	998.7	19.4	18.6	200.0	3.1	1.1	2.9	292.7	327.7	13.6	95.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
0.9	9.0	331.5	575.0	19.1	18.4	207.8	14.7	6.5	12.4	294.4	330.2	13.8	95.8	0.5	30.
1.7	11.3	555.3	950.0	18.9	16.4	216.4	16.7	9.9	12.6	296.3	329.4	12.6	86.8	1.3	29.
2.7	13.6	765.0	925.0	20.0	-8.0	222.8	15.7	10.7	11.5	299.2	308.0	2.9	18.5	2.2	34.
3.6	16.0	1020.5	900.0	19.1	4.7	227.8	16.3	12.0	10.9	301.2	317.8	6.0	38.6	3.1	37.
4.4	18.3	1261.7	875.0	18.0	-5.0	233.2	14.3	11.8	8.8	302.5	311.3	3.0	20.6	3.9	40.
5.4	20.7	1505.1	850.0	18.1	-33.2	229.5	14.1	10.7	9.2	305.2	306.5	0.4	2.7	4.7	42.
6.4	23.2	1763.7	825.0	17.6	-34.1	220.8	12.3	7.8	9.0	307.2	308.6	0.4	2.9	5.5	43.
7.4	25.7	2025.6	800.0	16.4	-12.6	209.4	8.9	4.3	7.7	308.6	314.2	1.8	12.4	6.1	42.
8.5	28.2	2294.6	775.0	14.8	-8.8	203.5	7.3	3.2	7.2	309.8	317.5	2.6	18.8	6.6	41.
9.5	30.8	2570.6	750.0	12.4	-3.4	203.6	5.7	2.3	5.2	310.0	321.8	4.0	33.1	7.0	40.
10.6	33.3	2853.8	725.0	10.6	-7.7	207.3	3.6	1.6	3.1	311.5	325.4	3.2	28.9	7.3	39.
11.8	36.0	3145.1	700.0	8.2	-2.0	212.9	3.7	2.0	3.1	311.5	325.4	4.7	48.5	7.5	39.
12.9	38.7	3444.4	675.0	6.1	-12.8	219.3	4.2	2.6	3.2	312.5	319.2	2.2	24.6	7.8	39.
14.0	41.4	3752.1	650.0	3.8	-16.7	250.8	3.1	2.9	1.0	313.2	318.4	1.6	21.1	8.0	39.
15.2	44.2	4068.9	625.0	1.2	-18.7	270.7	3.9	3.9	-0.0	313.9	318.3	1.4	21.0	8.2	40.
16.3	47.1	4395.7	600.0	-1.6	-13.9	272.2	4.2	4.2	-0.2	314.3	321.1	2.2	38.6	8.3	42.
17.6	50.0	4732.7	575.0	-4.5	-12.8	275.8	5.7	5.7	-0.6	314.7	322.4	2.5	52.4	8.5	44.
18.9	53.0	5081.7	550.0	-6.5	-14.4	275.2	7.5	7.5	-0.7	316.4	323.5	2.3	53.3	8.9	46.
20.3	56.1	5444.6	525.0	-7.9	-21.0	270.0	8.5	8.5	0.0	318.9	323.6	1.5	36.7	9.3	49.
21.7	59.3	5823.0	500.0	-9.2	-23.3	253.0	8.1	7.7	2.4	321.2	325.9	1.2	32.7	9.9	52.
23.1	62.4	6217.9	475.0	-12.1	-15.8	247.7	6.2	7.6	3.1	322.9	330.5	2.4	74.2	10.6	52.
24.4	65.7	6629.4	450.0	-15.3	-16.3	270.3	7.9	7.9	-0.0	324.0	331.6	2.4	92.5	11.2	54.
25.9	69.1	7055.9	425.0	-17.4	-21.8	289.9	7.7	7.3	-2.6	326.7	331.9	1.6	88.2	11.6	56.
27.6	72.7	7511.8	400.0	-20.6	-27.7	289.9	10.2	9.6	-3.5	328.2	331.6	1.0	52.9	12.1	60.
29.1	76.3	7986.0	375.0	-24.2	-32.3	288.0	15.5	14.8	-4.8	329.2	331.9	0.7	46.9	12.9	64.
30.9	80.2	8485.1	350.0	-28.0	-32.5	282.3	18.5	18.1	-3.9	331.0	333.5	0.7	65.0	14.4	69.
32.7	84.2	9013.0	325.0	-32.1	-38.2	286.6	19.8	18.9	-5.6	332.4	334.0	0.4	54.3	16.1	73.
34.6	88.3	9573.1	300.0	-36.6	-40.8	290.6	25.0	23.9	-9.0	333.2	335.1	0.4	64.8	18.2	77.
36.7	92.8	10170.5	275.0	-40.8	99.9	289.4	38.7	30.8	-10.9	336.2	999.9	99.9	99.9	21.5	83.
39.2	97.4	10812.0	250.0	-45.5	99.9	286.9	39.2	37.5	-11.4	338.4	999.9	99.9	99.9	26.5	86.
41.6	102.4	11508.1	225.0	-50.5	99.9	288.9	42.2	39.9	-13.6	341.1	999.9	99.9	99.9	32.2	91.
44.3	107.8	12265.2	200.0	-56.5	99.9	291.6	43.3	40.3	-16.0	343.4	999.9	99.9	99.9	38.8	95.
46.9	113.5	13055.8	175.0	-63.4	99.9	294.6	43.6	34.2	-15.7	345.3	999.9	99.9	99.9	44.9	97.
50.2	119.7	14032.3	150.0	-69.5	99.9	288.9	36.8	34.8	-11.9	350.4	999.9	99.9	99.9	51.8	99.
54.0	126.7	15125.0	125.0	-67.0	59.9	279.4	26.9	26.6	-4.4	373.0	999.9	99.9	99.9	59.6	100.
59.5	134.3	16472.7	100.0	-67.5	99.9	275.8	18.3	18.2	-1.8	357.3	999.9	99.9	99.9	66.0	100.
64.9	142.7	18214.2	75.0	-66.4	99.9	319.7	5.2	3.4	-4.0	433.7	999.9	99.9	99.9	69.2	100.
72.9	151.3	20722.1	50.0	-57.1	99.9	265.4	5.6	5.6	0.5	508.5	999.9	99.9	99.9	69.5	100.
84.9	159.7	25188.9	25.0	-50.0	99.9	999.9	99.9	99.9	99.9	641.3	999.9	99.9	99.9	63.3	102.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION 10. 247
LONGVIEW, TEXAS

20 MAY 1979
1400 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DG K	E POT 7 DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.0	124.0	1000.0	22.2	19.4	190.0	4.1	0.7	4.0	295.4	332.6	14.3	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.9	9.3	344.1	975.0	20.0	19.0	206.0	11.1	5.0	9.9	295.2	332.5	14.4	93.8	0.5	26.
1.6	11.5	568.4	950.0	18.3	17.5	211.5	13.6	7.1	11.6	295.6	330.8	13.4	95.1	1.1	27.
2.4	13.9	797.2	925.0	17.0	16.2	218.0	15.4	9.7	12.0	296.7	329.8	12.6	95.1	1.7	30.
3.3	16.3	1031.6	900.0	18.5	2.4	229.5	15.4	12.5	10.7	300.6	319.1	5.2	34.8	2.6	35.
4.3	19.7	1272.7	875.0	18.4	-11.1	238.5	16.1	13.7	8.4	302.9	308.7	2.0	12.0	3.5	40.
5.4	21.2	1520.5	850.0	18.9	-38.4	236.7	15.3	13.3	8.7	306.0	306.6	0.2	1.0	4.5	44.
6.2	23.6	1775.4	825.0	17.5	-39.2	235.7	12.3	10.2	6.9	307.1	307.6	0.2	1.0	5.3	46.
7.3	26.2	2037.0	800.0	16.2	-16.9	228.7	10.7	8.1	7.1	308.4	312.6	0.9	6.5	5.9	47.
8.2	28.7	2305.6	775.0	14.8	-22.1	207.0	9.5	4.5	8.7	309.7	312.6	0.9	6.5	6.5	46.
9.1	31.3	2581.4	750.0	12.4	-4.0	196.7	7.4	2.1	7.1	310.0	321.2	3.8	31.5	7.0	44.
10.1	33.9	2864.5	725.0	10.3	-13.9	188.1	4.5	0.6	4.5	310.7	316.5	1.9	17.1	7.3	43.
11.2	36.6	3155.4	700.0	8.1	-2.4	207.0	3.9	1.8	3.5	311.5	325.1	4.6	47.2	7.5	42.
12.3	39.2	3454.7	675.0	5.9	-4.8	220.8	4.5	2.9	3.4	312.2	324.1	4.0	46.3	7.7	42.
13.3	42.0	3762.3	650.0	3.5	-13.8	215.8	5.4	3.1	4.4	313.0	319.3	2.0	26.6	8.0	42.
14.3	44.8	4079.1	625.0	0.6	-11.0	225.9	4.7	3.4	3.3	313.2	321.3	2.6	41.1	8.3	41.
15.4	47.6	4405.2	600.0	-2.5	-10.4	239.4	4.9	4.2	2.5	313.3	321.3	2.9	54.2	8.7	42.
16.6	50.6	4741.5	575.0	-5.4	-10.6	244.0	4.5	4.1	2.0	313.6	322.7	3.0	67.0	9.0	43.
17.9	53.5	5089.2	550.0	-7.6	-9.3	257.2	4.9	4.8	1.1	319.1	325.5	3.4	87.5	9.3	44.
19.2	56.6	5451.8	525.0	-7.4	-8.7	268.0	7.4	7.4	0.3	319.2	331.2	3.8	90.6	9.6	45.
20.7	59.8	5831.2	500.0	-9.2	-12.4	265.6	6.9	8.9	0.7	321.8	331.1	2.9	77.6	10.2	48.
22.2	63.0	6226.0	475.0	-12.1	-16.3	270.1	6.3	8.3	-0.0	322.6	330.2	2.2	70.9	10.8	51.
23.7	66.3	6637.5	450.0	-15.6	-17.5	272.0	9.1	9.1	-0.3	323.7	330.6	2.1	85.1	11.4	53.
25.2	69.6	7068.4	425.0	-16.7	-17.7	271.0	10.8	10.8	-0.2	327.2	328.0	0.1	4.8	12.1	56.
26.9	73.1	7520.9	400.0	-20.0	-33.9	273.1	12.6	12.6	-0.7	329.6	330.9	0.5	27.8	13.1	59.
28.7	76.7	7996.4	375.0	-23.2	-40.3	267.1	12.9	12.4	-3.8	330.9	332.0	0.3	19.1	14.2	62.
30.6	80.6	8457.5	350.0	-27.1	-49.7	295.2	18.0	16.3	-7.7	332.3	332.7	0.1	9.6	15.3	67.
32.5	84.7	9027.3	325.0	-30.9	-42.9	283.6	23.0	22.7	-8.5	334.1	335.1	0.3	29.6	17.2	73.
34.5	88.7	9590.0	300.0	-35.5	-48.0	280.3	22.6	22.3	-4.1	336.0	336.0	0.2	26.2	19.8	77.
36.9	93.2	10188.5	275.0	-40.9	-59.9	272.4	23.3	25.3	-1.1	336.0	336.0	99.9	999.9	22.7	80.
39.1	97.7	10831.0	250.0	-44.8	59.9	270.3	34.6	34.6	-0.2	339.4	339.4	99.9	999.9	26.8	81.
41.5	102.6	11527.5	225.0	-50.4	99.9	282.7	38.3	37.3	-8.4	341.3	339.9	99.9	999.9	31.9	84.
44.0	107.8	12265.6	200.0	-56.0	99.9	282.2	47.7	38.5	-13.4	344.1	339.9	99.9	999.9	37.5	87.
47.0	113.7	13122.5	175.0	-62.7	59.9	287.8	38.6	36.7	-11.8	346.5	339.9	99.9	999.9	44.2	91.
50.1	120.0	14059.0	150.0	-68.7	99.9	287.5	33.9	32.4	-10.2	351.7	339.9	99.9	999.9	50.4	93.
53.7	126.7	15145.4	125.0	-66.2	99.9	276.8	33.7	33.5	-4.0	375.1	339.9	99.9	999.9	57.9	94.
58.3	134.7	16456.7	100.0	-66.2	99.9	277.1	10.6	16.4	-2.0	399.8	339.9	99.9	999.9	64.9	94.
63.9	143.3	18245.3	75.0	-66.2	99.9	215.6	5.4	3.2	4.4	434.2	339.9	99.9	999.9	66.7	95.
71.3	152.7	20744.7	50.0	-57.5	99.9	217.3	5.2	3.2	4.1	508.0	339.9	99.9	999.9	65.3	94.
82.7	162.0	25205.6	25.0	-47.7	99.9	999.9	99.9	99.9	99.9	647.6	339.9	99.9	999.9	60.7	94.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
 LONGVIEW, TEXAS

 20 MAY 1979
 1700 GMT

125 113.0 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT η DG K	E POT γ DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	124.0	1000.0	26.0	19.4	999.9	99.1	99.9	99.9	299.2	337.1	14.4	67.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
1.1	9.0	345.9	975.0	22.8	18.1	999.9	99.1	99.9	99.9	298.1	333.8	13.6	75.0	999.9	999.9
2.0	11.3	572.2	950.0	20.6	17.8	999.9	99.9	99.9	99.9	298.1	334.2	13.7	84.0	999.9	999.9
3.0	13.7	802.6	925.0	18.4	17.0	999.9	99.1	99.9	99.9	298.1	333.2	13.3	91.6	999.9	999.9
3.8	16.1	1037.5	900.0	16.6	14.7	999.9	99.1	99.9	99.9	298.7	330.2	11.9	89.2	999.9	999.9
4.8	18.5	1279.1	875.0	15.5	13.6	999.9	99.1	99.9	99.9	304.0	314.3	3.6	22.1	999.9	999.9
5.8	21.0	1527.7	850.0	15.5	13.0	999.9	99.1	99.9	99.9	306.5	307.1	0.2	1.0	999.9	999.9
6.8	23.5	1783.0	825.0	16.0	13.8	999.9	99.1	99.9	99.9	307.6	308.1	0.2	1.0	999.9	999.9
7.8	26.0	2044.9	800.0	16.5	13.8	999.9	99.1	99.9	99.9	308.6	319.5	3.6	24.6	999.9	999.9
8.8	28.6	2313.9	775.0	14.6	12.7	999.9	99.1	99.9	99.9	309.5	318.1	2.9	21.4	999.9	999.9
9.7	31.1	2585.6	750.0	12.7	12.4	999.9	99.1	99.9	99.9	310.3	316.4	2.0	16.1	999.9	999.9
10.8	33.7	2872.8	725.0	10.0	0.9	999.9	99.1	99.9	99.9	310.5	325.9	5.6	53.0	999.9	999.9
11.9	36.4	3163.7	700.0	7.8	0.3	999.9	99.1	99.9	99.9	311.1	326.8	5.4	56.4	999.9	999.9
13.0	39.1	3462.8	675.0	5.9	0.3	999.9	99.1	99.9	99.9	312.3	321.3	3.0	34.3	999.9	999.9
14.2	42.0	3770.5	650.0	3.1	0.3	999.9	99.1	99.9	99.9	312.5	323.1	3.5	48.2	999.9	999.9
15.3	44.8	4087.2	625.0	0.5	0.3	999.9	99.1	99.9	99.9	313.1	322.5	3.1	48.5	999.9	999.9
16.5	47.7	4413.4	600.0	-2.4	-9.3	999.9	99.1	99.9	99.9	313.2	323.9	3.1	58.9	999.9	999.9
17.6	50.6	4749.6	575.0	-5.4	-8.4	999.9	99.1	99.9	99.9	313.7	325.4	3.5	79.7	999.9	999.9
18.9	53.6	5092.0	550.0	-6.2	-6.4	999.9	99.1	99.9	99.9	316.7	325.8	4.3	98.5	999.9	999.9
20.1	56.8	5461.7	525.0	-8.1	-8.4	999.9	99.1	99.9	99.9	318.7	330.6	3.9	98.0	999.9	999.9
21.3	59.9	5840.1	500.0	-9.1	-9.3	999.9	99.1	99.9	99.9	321.9	333.7	3.8	98.8	999.9	999.9
22.7	63.1	6235.6	475.0	-11.8	-12.1	999.9	99.1	99.9	99.9	323.2	333.4	3.2	97.7	999.9	999.9
24.3	66.4	6647.7	450.0	-14.4	-22.1	999.9	99.1	99.9	99.9	325.2	330.0	1.4	51.9	999.9	999.9
25.9	69.9	7079.0	425.0	-17.3	-27.3	999.9	99.1	99.9	99.9	326.6	330.1	1.0	41.3	999.9	999.9
27.3	73.3	7530.8	400.0	-20.4	-33.0	999.9	99.1	99.9	99.9	328.4	330.5	0.6	31.5	999.9	999.9
29.0	77.0	8004.8	375.0	-24.1	-33.0	999.9	99.1	99.9	99.9	329.6	331.9	0.6	43.3	999.9	999.9
30.7	80.8	8505.2	350.0	-27.5	-36.0	999.9	99.1	99.9	99.9	331.6	333.4	0.5	44.0	999.9	999.9
32.5	84.7	9034.8	325.0	-31.2	-39.0	999.9	99.1	99.9	99.9	333.7	335.2	0.4	45.8	999.9	999.9
34.3	88.8	9571.9	300.0	-35.2	-42.8	999.9	99.1	99.9	99.9	335.6	336.9	0.3	45.2	999.9	999.9
36.4	93.2	10197.6	275.0	-40.5	99.9	999.9	99.1	99.9	99.9	336.4	999.9	99.9	999.9	999.9	999.9
38.4	97.8	10839.1	250.0	-46.2	99.9	999.9	99.1	99.9	99.9	337.4	999.9	99.9	999.9	999.9	999.9
40.6	102.6	11531.4	225.0	-51.5	99.9	999.9	99.1	99.9	99.9	337.6	999.9	99.9	999.9	999.9	999.9
43.1	107.8	12285.9	200.0	-57.0	99.9	999.9	99.1	99.9	99.9	342.5	999.9	99.9	999.9	999.9	999.9
45.9	113.5	13118.8	175.0	-62.4	99.9	999.9	99.1	99.9	99.9	346.5	999.9	99.9	999.9	999.9	999.9
48.8	119.7	14058.6	150.0	-67.1*	99.9	999.9	99.1	99.9	99.9	354.5	999.9	99.9	999.9	999.9	999.9
52.3	126.3	15161.9	125.0	-65.1	99.9	999.9	99.1	99.9	99.9	377.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION I.D. 247
LONGVIEW, TEXAS20 MAY 1979
2005 GMT

159 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	124.0	998.9	27.8	19.1	170.0	2.1	-0.4	2.1	301.1	338.5	14.1	59.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	9.1	338.1	975.0	25.1	17.7	999.9	99.9	99.9	99.9	300.4	335.6	13.2	63.4	999.9	999.9
1.8	11.4	565.9	950.0	22.9	17.0	999.9	99.9	99.9	99.9	300.4	334.9	12.9	69.4	0.7	359.
2.7	13.8	798.1	925.0	20.7	16.4	197.2	7.1	2.2	7.1	300.4	334.7	12.9	76.8	1.1	4.
3.6	16.2	1034.7	900.0	18.4	15.7	196.6	7.1	2.1	7.1	300.4	334.0	12.6	84.4	1.5	8.
4.5	18.7	1276.2	875.0	16.4	15.0	209.7	7.1	3.6	6.3	300.4	334.0	12.4	91.8	1.9	10.
5.4	21.2	1523.4	850.0	14.3	-6.3	238.6	6.1	9.7	3.5	305.3	313.6	2.8	18.2	2.2	16.
6.4	23.7	1778.3	825.0	12.2	-5.0	253.1	8.1	7.7	2.4	306.2	316.4	3.2	21.6	2.5	24.
7.4	26.2	2039.6	800.0	10.3	-4.9	249.9	8.1	6.3	3.0	307.4	317.3	3.3	24.4	2.8	32.
8.5	28.8	2307.6	775.0	13.6	-6.7	240.8	8.6	7.5	4.2	308.5	317.4	3.0	23.7	3.3	38.
9.6	31.4	2593.0	750.0	11.9	-0.0	227.4	8.1	6.3	5.8	309.5	324.4	5.1	43.6	3.9	40.
10.7	34.0	2865.6	725.0	9.9	-8.4	216.0	9.9	5.8	8.0	310.3	318.8	2.8	26.7	4.5	40.
11.8	36.7	3156.4	700.0	8.2	-12.9	205.0	11.3	4.8	10.2	311.6	317.8	2.0	20.9	5.1	39.
12.9	39.4	3455.1	675.0	5.7	-10.4	198.1	11.3	3.5	10.7	312.1	319.9	2.6	30.3	5.9	36.
14.1	42.2	3762.4	650.0	3.2	-14.6	205.0	9.4	4.0	8.5	312.4	318.5	1.9	25.5	6.6	34.
15.4	45.0	4078.8	625.0	0.6	-15.8	216.9	8.9	5.3	7.1	313.1	318.7	1.8	27.8	7.3	34.
16.6	47.9	4405.0	600.0	-2.0	-16.7	227.0	8.8	5.0	4.7	313.8	319.3	1.7	31.4	7.9	35.
17.9	50.8	4742.0	575.0	-4.4	-7.5	232.3	8.7	5.3	4.1	314.2	326.4	3.8	79.6	8.4	30.
19.3	53.8	5091.5	550.0	-6.0	-6.6	249.8	7.4	6.9	2.6	316.5	329.8	4.0	92.2	9.4	39.
20.6	56.9	5455.7	525.0	-7.1	-8.1	253.4	7.5	7.2	2.1	319.9	332.1	4.0	92.2	9.4	39.
22.0	60.0	5835.1	500.0	-7.6	-14.2	256.6	10.6	10.4	2.5	323.6	332.0	2.5	58.7	10.0	42.
23.6	63.3	6233.4	475.0	-10.0	-20.7	260.3	14.1	13.9	2.4	325.5	330.7	1.5	41.0	11.0	48.
25.1	66.5	6647.8	450.0	-13.5	-23.0	253.2	17.5	16.8	5.1	326.3	330.8	1.3	44.4	12.2	47.
26.7	69.9	7080.3	425.0	-16.0	-32.0	250.8	20.1	19.0	6.6	328.4	330.6	0.6	24.0	13.9	52.
28.2	73.3	7533.6	400.0	-20.0	-34.1	250.3	20.8	19.5	7.0	329.0	330.9	0.5	27.1	15.6	54.
29.9	77.0	8008.4	375.0	-22.7	-27.4	245.1	20.0	18.2	8.4	331.2	335.3	1.1	65.6	17.7	56.
31.8	80.7	8511.4	350.0	-25.4	-33.3	242.2	17.4	15.4	8.1	333.1	335.5	0.6	51.8	19.7	57.
33.7	84.6	9042.4	325.0	-30.8	-38.0	242.3	20.1	17.8	9.3	334.2	335.9	0.4	48.7	21.8	57.
35.8	88.7	9605.6	300.0	-35.3	-43.4	247.5	20.8	19.2	7.9	335.6	336.7	0.3	42.8	24.5	58.
37.9	93.0	10205.1	275.0	-40.7	99.9	253.3	24.9	23.9	7.1	336.3	999.9	99.9	999.9	27.2	59.
40.1	97.4	10847.5	250.0	-45.5	99.9	260.0	29.8	29.4	5.2	338.4	999.9	99.9	999.9	30.6	61.
42.5	102.0	11541.1	225.0	-51.4	99.9	262.2	32.9	32.6	4.5	339.8	999.9	99.9	999.9	34.9	64.
45.2	107.2	12296.0	200.0	-57.4	99.9	267.5	40.0	40.0	1.8	342.0	999.9	99.9	999.9	40.4	67.
48.2	112.7	13128.9	175.0	-62.4	99.9	278.5	50.3	49.7	-7.5	346.9	999.9	99.9	999.9	47.9	71.
51.7	118.7	14065.3	150.0	-69.1	99.9	283.3	41.4	40.3	-9.5	351.1	999.9	99.9	999.9	56.9	77.
55.5	125.3	15171.3	125.0	-63.8	99.9	271.3	25.8	25.8	-0.6	379.4	999.9	99.9	999.9	63.9	79.
59.8	132.7	16525.0	100.0	-66.3	99.9	265.8	18.8	18.8	1.4	399.8	999.9	99.9	999.9	69.4	80.
63.5	141.3	18251.7	75.0	-65.7	99.9	301.2	8.6	7.3	-4.5	426.9	999.9	99.9	999.9	74.0	80.
73.5	151.0	20761.3	50.0	-58.2	99.9	179.2	6.1	-0.1	6.1	506.4	999.9	99.9	999.9	73.3	80.
86.4	161.3	25242.6	25.0	-47.8	99.9	49.3	9.8	-7.5	-6.4	647.7	999.9	99.9	999.9	69.3	80.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS20 MAY 1979
2305 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	124.0	996.5	27.2	18.5	180.0	5.1	0.0	5.1	300.7	336.9	13.6	59.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.6	9.1	316.7	975.0	24.7	17.7	176.6	7.1	-0.4	7.3	300.1	335.3	13.2	65.0	0.5	16.
1.6	11.4	544.5	950.0	22.9	16.8	190.3	9.2	1.6	9.0	300.4	334.6	12.8	68.7	0.9	10.
2.5	13.8	776.6	925.0	20.7	15.8	190.0	9.1	2.6	9.3	300.2	333.4	12.3	73.2	1.4	11.
3.5	16.2	1013.4	900.0	18.7	15.7	203.6	8.3	3.5	8.1	300.7	334.4	12.6	82.9	2.0	16.
4.3	18.6	1255.0	875.0	16.4	14.6	203.1	8.3	3.3	7.8	300.6	333.1	12.1	89.2	2.4	18.
5.3	21.0	1501.6	850.0	14.6	13.5	211.1	8.2	4.2	7.0	301.4	332.6	11.6	93.4	2.9	17.
6.3	23.5	1754.7	825.0	12.5	2.3	240.2	8.3	6.9	4.0	305.0	320.6	5.5	41.3	3.3	21.
7.3	26.0	2015.7	800.0	10.9	3.6	250.0	9.1	8.6	3.1	307.3	325.1	6.2	45.9	3.7	21.
8.3	28.5	2283.7	775.0	12.5	4.9	249.5	9.2	8.6	3.2	307.3	327.2	7.0	59.4	4.1	32.
9.3	31.1	2558.1	750.0	10.9	-0.1	247.0	7.9	7.1	3.0	308.4	323.1	5.1	46.7	4.5	36.
10.5	33.7	2840.1	725.0	8.9	-1.1	230.7	6.2	4.8	3.9	309.3	323.5	4.9	49.2	4.9	39.
11.5	36.3	3129.6	700.0	6.9	-7.1	211.7	8.3	4.4	7.1	310.2	321.1	3.7	41.3	5.4	39.
12.6	39.0	3427.7	675.0	5.6	-17.7	199.8	6.5	2.9	6.0	311.9	316.4	1.4	16.7	5.9	37.
13.8	41.8	3734.9	650.0	3.5	-21.1	197.3	7.6	2.3	7.2	313.0	316.5	1.1	14.4	6.5	36.
15.3	44.6	4052.1	625.0	1.6	-13.3	199.4	6.9	2.3	6.5	314.3	321.2	2.2	32.2	7.0	33.
16.2	47.4	4380.1	600.0	-0.1	-7.0	224.5	6.1	4.3	4.3	316.0	327.5	3.8	60.0	7.4	34.
17.3	50.3	4720.3	575.0	-2.0	-7.1	239.3	7.9	6.8	4.0	317.6	329.6	3.9	66.4	7.8	35.
18.6	53.3	5073.0	550.0	-3.2	-12.2	239.4	12.3	10.6	6.3	320.2	328.9	2.7	49.8	8.5	37.
20.0	56.3	5440.3	525.0	-5.4	-17.8	243.8	16.5	14.8	7.3	322.0	327.8	1.8	36.9	9.6	40.
21.3	59.4	5821.1	500.0	-8.8	-21.6	247.2	16.9	15.6	6.6	322.7	327.1	1.4	33.7	10.9	43.
22.7	62.6	6216.9	475.0	-11.1	-31.1	245.1	16.7	15.1	7.0	324.2	326.3	0.6	17.4	12.2	46.
24.1	65.9	6629.3	450.0	-14.3	-28.2	244.1	18.6	18.9	6.2	325.2	328.1	0.8	29.6	13.6	48.
25.5	69.3	7059.9	425.0	-18.1	-19.8	252.1	18.2	17.4	5.6	325.2	332.0	1.9	85.9	15.1	50.
27.1	72.7	7511.9	400.0	-20.0	-26.8	258.7	17.2	16.8	3.4	329.0	332.7	1.1	54.1	16.6	52.
28.7	76.3	7987.8	375.0	-23.2	-32.7	267.9	17.2	17.2	0.6	330.9	333.2	0.6	41.1	18.1	55.
30.5	80.0	8489.3	350.0	-27.2	-34.1	278.4	17.2	17.0	-2.5	332.1	334.2	0.6	31.6	19.5	58.
32.4	83.8	9019.6	325.0	-30.8	-39.6	265.8	17.4	17.4	1.3	334.3	335.6	0.4	41.5	21.1	61.
34.5	88.0	9583.5	300.0	-34.4	-46.6	268.9	21.8	21.8	0.4	336.9	337.7	0.2	27.4	23.4	64.
36.7	92.2	10185.5	275.0	-38.6	99.9	264.1	27.8	27.7	2.9	337.8	999.9	99.9	999.9	26.2	67.
39.0	96.7	10830.3	250.0	-45.0	99.9	264.7	35.4	35.3	3.3	339.2	999.9	99.9	999.9	31.2	69.
41.3	101.4	11524.9	225.0	-51.0	99.9	268.5	35.2	35.2	0.9	340.4	999.9	99.9	999.9	35.3	71.
43.9	106.6	12281.3	200.0	-57.1	99.9	274.1	43.2	43.0	-3.1	342.3	999.9	99.9	999.9	41.4	74.
46.7	112.0	13114.4	175.0	-63.3	99.9	283.5	47.2	45.9	-11.0	345.2	999.9	99.9	999.9	48.4	78.
49.8	118.0	14048.0	150.0	-69.2	99.9	280.6	39.2	38.6	-7.2	350.6	999.9	99.9	999.9	56.0	82.
53.7	124.7	15141.4	125.0	-68.9	99.9	267.3	36.1	36.0	1.7	370.2	999.9	99.9	999.9	64.2	83.
58.3	132.3	16465.9	100.0	-66.9	99.9	262.1	18.9	18.7	2.6	398.2	999.9	99.9	999.9	71.8	83.
64.3	141.0	18217.6	75.0	-68.4	99.9	257.3	10.8	10.5	2.4	429.6	999.9	99.9	999.9	76.4	84.
72.6	151.0	20731.1	50.0	-58.5	99.9	221.2	6.4	4.2	4.8	505.4	999.9	99.9	999.9	75.6	84.
85.5	161.5	25208.0	25.0	-48.2	99.9	94.0	6.7	-6.7	0.5	646.4	999.9	99.9	999.9	70.0	85.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

21 MAY 1979
205 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEV PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT Y DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	126.0	997.1	24.4	18.3	180.0	3.4	0.0	3.6	297.2	333.2	13.5	69.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.9	8.6	320.9	975.0	23.5	18.3	200.5	12.7	4.4	11.9	298.2	335.0	13.7	72.7	0.5	18.
1.8	10.9	547.8	950.0	21.4	17.6	200.5	12.6	4.4	11.8	298.9	335.0	13.7	80.0	1.2	19.
2.7	13.3	778.9	925.0	19.6	16.4	199.7	13.1	4.1	11.4	299.3	333.3	12.8	81.9	1.9	20.
3.6	15.6	1014.9	900.0	18.3	13.2	194.1	11.3	2.7	11.0	300.4	329.1	10.7	72.3	2.5	19.
4.5	18.0	1256.1	875.0	16.0	13.1	193.7	11.1	3.0	10.7	300.4	329.7	10.9	82.6	3.1	18.
5.4	20.5	1502.7	850.0	14.8	10.4	200.7	6.9	2.4	6.4	301.7	327.3	9.4	74.9	3.7	18.
6.4	22.9	1756.4	825.0	15.5	9.9	204.6	4.5	1.9	4.1	305.0	330.7	9.3	69.0	3.9	18.
7.4	25.4	2017.4	800.0	14.5	3.7	199.0	7.2	2.4	6.8	306.4	324.4	6.3	45.3	4.2	18.
8.5	27.9	2285.1	775.0	13.3	-0.5	201.3	7.1	2.6	6.6	308.2	322.0	4.8	38.4	4.8	18.
9.6	30.4	2560.2	750.0	11.2	1.7	203.7	5.1	2.1	4.7	308.7	325.4	5.8	51.9	5.2	19.
10.7	33.0	2842.2	725.0	8.8	-0.4	201.0	5.6	2.0	5.2	309.2	324.1	5.2	52.3	5.5	19.
11.9	35.7	3132.0	700.0	7.1	-5.2	192.6	7.0	1.5	6.9	310.3	321.4	3.7	41.2	6.0	19.
12.9	38.4	3430.1	675.0	5.7	-9.7	185.5	6.3	0.6	6.3	312.0	320.3	2.7	32.0	6.4	18.
14.2	41.1	3736.0	650.0	4.3	-17.6	194.1	5.6	1.4	5.4	313.2	323.9	3.3	41.7	6.8	17.
15.5	44.0	4056.4	625.0	2.7	-5.5	241.8	5.9	5.2	2.8	315.5	327.8	4.0	54.7	7.2	18.
16.8	46.8	4386.0	600.0	0.3	-5.3	263.9	6.3	8.2	0.9	316.5	328.6	4.4	82.1	7.8	27.
19.1	49.8	4725.7	575.0	-2.9	-5.6	265.8	10.2	10.2	0.0	316.6	329.8	3.6	75.6	8.2	32.
19.4	52.7	5076.8	550.0	-5.3	-8.9	275.3	12.1	12.0	-1.1	317.6	328.8	3.4	85.4	8.7	38.
20.7	55.8	5440.6	525.0	-8.1	-10.1	275.0	11.8	11.8	-1.0	318.7	329.1	3.4	85.4	8.7	38.
22.1	59.9	5818.6	500.0	-10.4	-15.3	272.7	10.9	10.9	-0.5	320.3	327.7	2.3	67.3	9.2	43.
23.6	62.1	6211.4	475.0	-13.8	-14.9	276.0	11.3	11.3	-1.2	320.9	328.9	2.5	91.3	9.8	47.
25.3	65.4	6622.1	450.0	-14.9	-17.6	266.2	14.2	14.2	1.0	324.8	331.5	2.1	79.9	10.8	52.
27.0	68.8	7053.6	425.0	-16.8	-22.4	265.0	16.8	15.7	2.8	327.4	332.4	1.5	61.4	12.2	56.
28.7	72.3	7505.8	400.0	-19.9	-28.6	264.2	16.8	16.5	1.7	329.2	332.3	0.9	45.6	13.8	59.
30.4	75.9	7982.6	375.0	-23.2	-30.6	263.7	16.9	16.8	1.9	330.8	333.6	0.8	50.7	15.3	61.
32.1	79.7	8484.1	350.0	-26.8	-35.7	270.0	17.8	17.8	0.0	332.6	334.5	0.5	42.7	16.9	64.
34.0	83.7	9014.6	325.0	-31.2	-38.1	270.2	19.2	19.2	-0.1	333.7	335.2	0.4	50.3	18.6	67.
36.0	87.7	9578.0	300.0	-35.0*	99.9	263.7	29.9	24.8	2.7	336.0	999.9	99.9	999.9	21.1	69.
37.9	92.0	10176.8	275.0	-41.0*	99.9	259.0	29.4	28.8	5.6	335.5	999.9	99.9	999.9	24.3	71.
39.9	96.6	10815.9	250.0	-47.2*	99.9	257.2	33.8	33.0	7.5	335.9	999.9	99.9	999.9	28.0	72.
41.8	101.4	11504.2	225.0	-53.0*	99.9	263.9	37.9	37.7	4.0	337.4	999.9	99.9	999.9	32.1	73.
44.9	106.6	12250.9	200.0	-57.0	99.9	272.8	41.7	41.6	-2.0	342.5	999.9	99.9	999.9	39.2	76.
47.6	112.5	13087.4	175.0	-64.9	99.9	275.4	43.7	43.5	-4.1	342.5	999.9	99.9	999.9	45.9	79.
50.4	118.7	14019.1	150.0	-66.6	99.9	260.4	36.8	36.3	6.1	355.4	999.9	99.9	999.9	52.4	81.
53.9	125.7	15108.5	125.0	-70.0	99.9	261.3	40.1	39.7	6.1	368.3	999.9	99.9	999.9	60.5	80.
58.5	133.3	16450.0	100.0	-66.8	99.9	280.4	22.9	22.6	-4.2	398.7	999.9	99.9	999.9	69.4	81.
64.0	142.0	18175.0	75.0	-71.1	99.9	300.3	6.8	5.9	-3.5	423.8	999.9	99.9	999.9	72.7	83.
73.2	151.7	20695.6	50.0	-59.4	99.9	99.9	99.9	99.9	99.9	503.5	999.9	99.9	999.9	71.6	83.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	90.5	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 297
LONGVIEW, TEXAS

21 MAY 1979
505 GMT

133 93. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.9	124.0	998.3	22.8	19.6	180.0	2.1	0.0	2.6	296.1	333.9	14.5	82.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	9.0	330.2	975.0	21.8	19.8	196.2	8.6	2.4	8.2	297.1	336.7	15.2	88.6	0.3	9.
1.6	11.4	555.8	950.0	19.8	18.3	203.9	12.3	5.0	11.2	297.2	338.2	14.1	91.2	0.8	16.
2.4	13.8	786.2	925.0	19.1	17.0	209.7	13.6	6.8	11.5	298.9	338.1	13.3	87.5	1.5	21.
3.4	16.3	1022.0	900.0	17.5	15.8	216.9	11.6	7.0	9.8	299.6	333.4	12.7	89.6	2.2	25.
4.4	18.7	1263.1	875.0	16.2	13.9	219.9	11.0	7.0	8.4	301.6	331.5	11.5	86.1	2.9	29.
5.3	21.2	1505.7	850.0	14.7	10.0	217.1	10.9	6.6	8.7	300.4	326.5	9.2	73.5	3.5	30.
6.3	23.7	1762.8	825.0	15.5	0.5	206.6	9.1	4.4	8.9	305.0	319.3	5.0	37.8	4.1	31.
7.1	26.1	2023.8	800.0	15.5	-4.9	204.6	9.2	3.8	8.4	307.7	317.5	3.3	24.0	4.6	30.
8.2	29.7	2291.7	775.0	13.3	-6.8	219.1	8.9	5.6	6.9	308.1	317.1	3.0	24.1	5.1	30.
9.2	31.3	2566.5	750.0	10.9	1.2	223.4	9.0	6.2	6.6	308.5	326.6	5.6	51.2	5.7	31.
10.3	33.9	2848.3	725.0	8.3	2.6	216.4	8.6	5.3	6.7	308.5	326.8	6.4	67.5	6.2	32.
11.4	36.7	3137.8	700.0	6.3	2.5	205.0	8.4	3.6	7.6	309.5	328.4	6.6	76.3	6.8	32.
12.4	39.4	3435.6	675.0	4.4	-0.4	202.8	18.1	4.0	9.4	310.6	326.6	5.5	70.7	7.3	31.
13.5	42.2	3743.0	650.0	3.7	-0.9	219.9	10.1	6.6	7.9	313.2	329.5	5.5	72.2	8.0	31.
14.7	45.0	4061.4	625.0	2.2	-3.0	239.1	9.4	8.1	4.8	315.0	329.7	4.9	68.0	8.7	33.
15.9	47.9	4390.0	600.0	-0.7	-1.0	252.6	9.9	9.4	3.0	315.3	332.6	5.9	98.0	9.2	35.
17.1	50.9	4729.1	575.0	-3.4	-3.4	260.0	11.1	11.0	1.9	316.0	331.5	5.2	100.6	9.9	38.
18.4	53.9	5079.6	550.0	-6.2	-6.3	261.5	9.8	9.7	1.4	316.8	330.0	4.4	99.2	10.5	41.
19.9	57.0	5443.0	525.0	-8.3	-9.0	258.5	10.1	9.9	2.0	318.4	329.7	3.7	94.8	11.1	44.
21.2	60.1	5820.9	500.0	-10.2	-10.2	251.8	11.1	10.6	3.5	320.7	331.6	3.5	100.2	11.9	46.
22.7	63.4	6215.3	475.0	-12.5	-12.5	254.9	12.6	12.2	3.3	322.5	332.3	3.1	100.0	12.8	48.
24.4	66.7	6626.6	450.0	-15.7	-20.1	252.7	14.1	13.4	4.2	323.6	329.4	1.8	70.2	14.0	51.
26.0	70.1	7056.0	425.0	-18.7	-31.8	251.4	13.9	13.2	4.4	325.0	327.2	0.6	31.7	15.3	52.
27.7	73.7	7506.1	400.0	-21.5	-49.1	256.9	14.2	13.9	3.2	327.1	327.5	0.1	6.5	16.7	54.
29.3	77.3	7978.8	375.0	-24.8	-65.8	271.6	11.9	11.9	-0.3	328.8	328.9	0.0	1.0	17.8	56.
31.3	81.2	8477.7	350.0	-27.8	-67.7	274.8	11.3	11.2	-1.0	331.2	331.3	0.0	1.0	18.9	59.
33.2	85.2	9005.9	325.0	-31.9	-44.7	269.3	11.6	11.6	0.1	332.6	333.6	0.2	26.9	19.9	61.
35.2	89.3	9562.4	300.0	-35.4	-40.9	254.5	17.1	16.5	4.6	335.4	336.7	0.3	57.1	21.4	62.
37.3	93.7	10169.5	275.0	-39.6	99.9	265.1	22.0	21.9	1.9	337.8	999.9	99.9	999.9	24.0	64.
39.9	99.4	10814.2	250.0	-44.7	99.9	269.1	25.0	25.0	0.4	339.6	999.9	99.9	999.9	27.1	67.
42.1	103.3	11510.1	225.0	-50.7	99.9	266.1	31.5	31.4	2.1	340.8	999.9	99.9	999.9	30.8	69.
44.7	107.6	12266.4	200.0	-57.0	99.9	270.2	36.5	36.5	-0.1	342.5	999.9	99.9	999.9	35.8	72.
47.4	114.5	13096.9	175.0	-64.6	99.9	267.4	39.6	39.6	1.8	343.3	999.9	99.9	999.9	41.6	75.
49.7	120.7	14022.9	150.0	-71.8	99.9	261.6	37.4	37.0	5.5	346.5	999.9	99.9	999.9	47.1	76.
53.5	127.7	15107.7	125.0	-67.4	99.9	260.5	35.0	34.5	5.8	372.9	999.9	99.9	999.9	55.5	76.
59.6	135.7	16463.4	100.0	-64.9	99.9	259.3	16.6	14.4	-8.1	402.3	999.9	99.9	999.9	65.0	78.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** 3V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS21 MAY 1979
805 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	124.0	998.0	21.1	17.7	180.0	2.6	0.0	2.6	294.4	328.0	12.9	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	9.1	326.4	975.0	20.1	19.2	191.2	18.6	2.1	10.4	295.4	333.1	14.5	94.5	0.3	357.
1.7	11.4	551.0	950.0	19.0	18.1	208.7	12.7	6.1	11.2	296.4	332.8	13.9	94.9	0.9	13.
2.7	13.8	780.8	925.0	18.2	17.1	221.7	11.2	7.4	6.3	297.9	333.3	13.5	93.7	1.6	24.
3.7	16.2	1016.0	900.0	17.1	14.2	223.0	10.2	6.9	7.4	299.2	329.6	11.4	83.1	2.2	30.
4.6	18.5	1256.8	875.0	15.8	13.8	219.1	10.6	6.7	8.2	300.2	330.9	11.4	87.8	2.7	32.
5.5	21.0	1502.9	850.0	14.8	4.9	219.9	9.1	6.3	7.5	301.7	319.5	6.4	51.2	3.3	33.
6.5	23.4	1755.5	825.0	15.0	-8.7	214.2	9.2	5.2	7.6	304.4	311.8	2.5	19.3	3.8	34.
7.6	25.9	2014.9	800.0	14.1	-20.2	215.8	9.2	5.4	7.5	306.2	309.2	1.0	7.7	4.4	34.
8.7	28.4	2281.6	775.0	12.4	-13.5	227.2	9.1	7.3	6.7	307.2	312.5	1.7	15.0	5.0	35.
9.6	31.0	2555.5	750.0	10.5	2.0	226.5	9.7	7.0	6.7	308.0	324.9	5.9	55.5	5.6	36.
10.6	33.6	2837.1	725.0	8.1	0.7	224.8	7.1	5.5	5.6	308.4	324.4	5.6	59.4	6.1	37.
11.7	36.2	3125.9	700.0	5.7	1.6	224.8	7.2	5.1	5.1	308.8	326.4	6.2	75.1	6.6	37.
12.9	38.9	3423.0	675.0	4.0	3.5	232.4	8.1	6.6	5.1	310.2	331.2	7.3	96.4	7.1	38.
14.1	41.7	3730.1	650.0	2.3	2.1	248.0	8.1	7.8	3.1	311.5	331.4	6.9	98.9	7.7	40.
15.3	44.4	4046.7	625.0	0.4	0.2	260.4	9.3	9.7	1.6	312.9	331.2	6.3	98.8	8.3	43.
16.7	47.3	4373.5	600.0	-2.2	-2.4	261.8	10.3	10.2	1.5	313.5	329.3	5.3	98.5	8.9	46.
18.0	50.2	4710.5	575.0	-4.5	-9.2	260.7	10.4	10.3	1.7	314.7	324.8	3.3	69.8	9.6	49.
19.1	53.3	5055.5	550.0	-6.6	-12.8	259.6	10.9	10.7	2.0	316.3	324.4	2.6	61.0	10.2	51.
20.5	56.3	5421.9	525.0	-8.8	-10.3	246.4	14.0	12.8	5.6	317.9	328.2	3.3	88.8	11.1	53.
21.8	59.4	5798.8	500.0	-10.8	-21.4	238.6	15.9	13.6	8.3	319.9	324.4	1.4	41.6	12.3	54.
23.2	62.6	6191.0	475.0	-13.7	-38.6	237.8	16.7	14.1	8.9	321.0	321.2	0.0	1.0	13.7	54.
24.9	65.9	6601.1	450.0	-14.4	-37.6	240.7	17.1	14.9	8.4	325.2	326.6	0.4	14.2	15.2	55.
26.3	69.3	7032.4	425.0	-17.1	-46.9	239.2	16.9	14.6	6.7	327.1	327.6	0.1	5.6	16.9	55.
27.8	72.9	7484.2	400.0	-20.1	-62.7	233.0	16.2	14.5	7.4	328.9	329.0	0.0	1.0	18.3	56.
29.2	76.4	7958.9	375.0	-24.1	-65.3	253.8	13.9	13.3	3.9	329.7	329.7	0.0	1.0	19.6	56.
31.1	80.2	8457.9	350.0	-28.0	-67.8	254.4	15.3	14.7	4.1	331.1	331.1	0.0	1.0	21.1	58.
33.2	84.2	8985.3	325.0	-31.8	-38.5	254.0	17.9	17.2	4.9	332.6	334.3	0.4	51.1	23.0	59.
35.3	89.2	9546.9	300.0	-36.0	-42.2	264.1	19.5	19.4	2.0	334.7	335.6	0.3	52.6	25.4	61.
37.3	92.5	10144.3	275.0	-41.3	99.9	267.5	23.5	23.4	1.0	335.4	999.9	99.9	999.9	27.5	63.
39.6	97.0	10784.7	250.0	-46.3	99.9	261.0	27.0	26.6	4.2	337.3	999.9	99.9	999.9	30.9	66.
42.1	102.0	11474.4	225.0	-52.6	99.9	264.0	27.9	27.7	2.9	338.0	999.9	99.9	999.9	35.0	68.
44.6	107.0	12225.3	200.0	-57.9	99.9	267.0	31.2	31.7	1.6	341.1	999.9	99.9	999.9	39.1	69.
47.4	112.7	13054.0	175.0	-64.0	99.9	269.8	37.7	37.7	0.1	344.4	999.9	99.9	999.9	44.6	72.
50.3	118.7	13985.2	150.0	-69.6	99.9	268.3	33.8	33.8	1.0	350.2	999.9	99.9	999.9	50.9	74.
54.3	125.5	15078.0	125.0	-65.9	99.9	270.6	36.1	30.1	-0.3	375.2	999.9	99.9	999.9	58.6	76.
58.6	133.0	16441.8	100.0	-66.5	99.9	291.3	12.7	11.8	-4.6	399.3	999.9	99.9	999.9	64.3	78.
64.5	141.7	18177.5	75.0	-67.7	99.9	318.1	4.4	2.9	-3.3	431.0	999.9	99.9	999.9	65.2	79.
72.7	151.3	20671.5	50.0	-55.8	99.9	83.5	4.7	-4.7	-0.5	502.7	999.9	99.9	999.9	64.3	79.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

21 MAY 1979
1100 GMT

157 23.0 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RYO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	124.0	999.6	20.6	20.1	180.0	2.1	0.0	2.6	293.9	332.6	15.0	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	8.0	331.7	975.0	20.2	20.0	999.9	99.1	99.9	99.9	295.5	335.3	15.4	98.6	999.9	999.9
1.9	10.4	556.7	950.0	18.9	18.1	999.9	99.1	99.9	99.9	296.4	335.8	13.9	95.0	1.0	14.
2.9	12.7	785.5	925.0	17.1	12.9	221.3	9.0	6.0	6.8	296.6	335.8	10.2	76.4	1.5	28.
3.9	15.1	1019.5	900.0	16.4	12.9	224.0	9.5	6.6	6.9	298.4	326.4	10.5	79.9	2.0	27.
5.0	17.5	1259.2	875.0	14.3	13.0	223.1	12.3	8.4	9.0	298.6	327.5	10.9	92.1	2.6	37.
6.1	19.9	1503.7	850.0	12.7	8.2	212.8	12.4	6.7	10.4	299.5	321.5	8.1	74.2	3.4	33.
7.1	22.4	1755.4	825.0	13.1	8.6	239.1	12.2	10.4	6.3	302.5	326.2	6.7	74.9	4.1	36.
8.2	24.9	2014.0	800.0	11.6	9.1	234.3	11.8	9.6	6.9	303.5	326.7	9.2	84.9	4.9	40.
9.3	27.4	2279.7	775.0	10.3	8.6	230.3	12.3	9.4	7.8	304.9	330.0	9.1	89.1	5.6	41.
10.4	30.0	2552.3	750.0	8.6	7.5	235.8	12.7	10.5	7.1	305.9	330.2	8.7	92.6	6.4	43.
11.7	32.6	2832.5	725.0	6.3	5.5	238.0	13.6	11.6	7.2	306.4	328.5	7.9	94.8	7.4	45.
13.0	35.3	3119.9	700.0	4.3	3.8	237.8	13.2	11.2	7.0	307.3	327.8	7.2	96.7	8.5	47.
14.4	38.0	3415.6	675.0	2.6	2.1	239.1	13.1	11.2	6.7	308.5	327.5	6.6	97.0	9.5	48.
15.6	40.8	3720.5	650.0	0.7	0.3	238.5	14.1	12.0	7.4	309.8	327.2	6.0	96.9	10.5	49.
17.1	43.6	4036.0	625.0	0.2	-0.2	242.9	12.9	11.5	5.9	312.7	330.3	6.0	97.1	11.7	50.
18.8	46.4	4343.0	600.0	-1.6	-1.8	246.6	12.4	11.4	4.9	314.3	330.8	5.6	98.0	12.9	51.
20.4	49.4	4701.3	575.0	-3.5	-4.0	247.0	14.2	13.1	5.6	315.9	330.7	5.0	96.6	14.2	53.
22.1	52.4	5052.2	550.0	-5.3	-6.1	243.0	14.4	12.8	6.5	317.2	331.2	4.4	94.6	15.6	54.
23.7	55.5	5416.6	525.0	-7.4	-8.5	243.1	13.6	12.1	6.2	319.5	331.3	3.8	92.0	16.9	55.
25.0	58.6	5795.6	500.0	-9.6	-10.9	236.1	15.2	12.4	8.5	321.3	331.7	3.3	90.4	18.5	55.
27.4	61.8	6190.6	475.0	-11.8	-13.3	238.2	14.8	12.6	7.8	323.3	332.5	2.9	88.6	20.2	55.
29.6	65.1	6602.7	450.0	-14.7	-16.4	236.1	13.3	11.0	7.4	324.8	332.6	2.4	86.5	22.0	56.
31.7	68.6	7033.7	425.0	-17.7	-19.6	233.8	14.4	11.6	8.5	326.3	332.6	1.9	84.4	23.8	55.
33.7	72.0	7485.1	400.0	-20.6	-22.9	233.5	10.2	8.2	6.1	328.3	333.4	1.5	81.8	25.3	55.
35.1	75.7	7959.9	375.0	-23.9	-26.5	232.1	10.3	8.1	6.3	329.9	333.9	1.2	78.9	26.6	55.
38.8	79.5	8459.9	350.0	-27.5	-30.9	232.0	13.9	13.3	4.0	331.7	334.6	0.8	72.4	28.6	55.
41.3	83.4	8989.3	325.0	-31.2	-35.0	262.6	16.7	16.6	2.1	333.7	335.9	0.6	68.7	30.6	58.
44.5	87.5	9511.4	300.0	-36.0	-40.3	258.3	19.9	19.5	4.0	334.7	336.1	0.4	63.9	34.1	60.
48.1	91.8	10148.9	275.0	-41.5	99.9	266.6	19.7	19.7	1.2	335.2	999.9	99.9	999.9	38.3	62.
51.4	96.4	10787.5	250.0	-47.6	99.9	275.4	14.6	14.5	-1.4	335.3	999.9	99.9	999.9	41.1	64.
55.5	101.0	11475.4	225.0	-52.9	99.9	262.1	17.0	16.9	2.4	337.4	999.9	99.9	999.9	44.5	66.
59.0	106.0	12226.8	200.0	-58.3	99.9	256.0	24.4	23.7	5.9	340.4	999.9	99.9	999.9	48.8	67.
63.2	111.6	13056.2	175.0	-62.3	99.9	266.1	32.0	31.9	2.2	347.1	999.9	99.9	999.9	55.6	69.
67.3	117.5	14000.1	150.0	-65.2	99.9	263.8	35.4	35.2	3.8	357.7	999.9	99.9	999.9	64.9	71.
73.1	124.2	15116.5	125.0	-62.9	99.9	272.9	27.3	27.2	-1.4	381.1	999.9	99.9	999.9	75.4	74.
78.9	131.7	16481.5	100.0	-65.6	99.9	285.4	12.8	12.3	-3.4	401.0	999.9	99.9	999.9	80.7	76.
84.9	143.3	18223.8	75.0	-66.2	99.9	267.9	7.6	7.6	0.3	434.1	999.9	99.9	999.9	83.6	77.
97.5	150.0	20734.7	50.0	-58.0	99.9	138.7	7.3	-4.8	5.3	506.8	999.9	99.9	999.9	83.3	77.
115.0	145.3	25201.8	25.0	-50.0	99.9	999.9	99.9	99.9	99.9	641.4	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

20 MAY 1979

164 12. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	33.0	1009.3	22.1	21.3	200.0	2.6	0.9	2.4	294.5	335.7	16.0	95.0	0.0	0.
0.2	6.1	114.0	1000.0	22.7	21.8	999.9	99.9	99.9	99.9	295.2	338.9	16.7	94.6	999.9	999.
1.1	8.5	332.2	975.0	21.7	20.7	999.9	99.9	99.9	99.9	297.0	338.7	16.0	94.2	999.9	999.
1.9	10.8	561.0	950.0	20.1	19.3	999.9	99.9	99.9	99.9	297.4	336.9	15.0	94.7	1.1	24.
2.9	13.2	791.2	925.0	18.5	16.7	206.3	12.2	5.4	11.0	298.2	332.9	13.1	89.6	1.8	24.
3.8	15.7	1026.9	900.0	18.6	12.3	208.9	12.9	6.2	11.3	300.7	327.9	10.1	66.9	2.5	25.
4.7	18.1	1268.8	875.0	19.4	-1.4	211.6	12.9	6.8	11.0	304.0	315.4	4.0	24.5	3.2	26.
5.7	20.6	1517.8	850.0	19.4	-27.5	215.4	13.3	7.7	10.8	306.4	309.0	0.8	5.0	4.0	28.
6.6	23.1	1773.1	825.0	18.4	-27.5	220.9	11.5	7.5	8.7	308.1	309.7	0.5	3.2	4.7	29.
7.7	25.7	2035.0	800.0	16.3	-26.9	227.4	10.2	7.5	6.9	309.5	310.3	0.5	3.8	5.3	31.
8.6	28.3	2303.6	775.0	14.8	-29.5	227.0	9.2	6.8	6.3	309.7	311.2	0.4	3.1	5.9	33.
9.6	30.9	2579.4	750.0	12.6	-4.8	234.8	7.4	6.5	4.6	310.2	322.2	4.1	33.6	6.3	34.
10.6	33.6	2862.7	725.0	10.1	-3.8	234.5	7.0	5.7	4.1	310.6	322.4	4.0	37.3	6.8	35.
11.6	36.2	3153.7	700.0	5.3	-18.4	217.1	5.3	3.2	4.2	312.2	316.9	1.3	12.2	7.1	36.
12.7	39.0	3453.6	675.0	6.9	-16.0	192.8	4.5	1.4	4.3	313.4	318.5	1.6	17.6	7.4	36.
13.8	41.9	3762.7	650.0	4.7	1.3	182.8	4.1	0.2	4.1	314.3	333.7	6.7	80.5	7.7	35.
15.0	44.7	4082.4	625.0	2.6	1.0	170.1	3.2	-0.6	3.2	315.2	335.0	6.6	89.1	7.9	34.
16.2	47.6	4411.9	600.0	0.1	-0.8	181.7	2.9	0.1	2.8	316.3	334.2	6.1	93.7	8.0	33.
17.4	50.6	4752.6	575.0	-1.9	-3.0	206.6	2.1	0.9	1.9	317.2	333.9	5.4	92.3	8.2	32.
18.6	53.6	5105.5	550.0	-4.0	-5.4	250.0	2.1	1.9	0.7	319.3	333.5	4.7	90.0	8.3	32.
19.9	56.9	5471.5	525.0	-6.2	-8.5	281.3	4.3	4.2	-0.8	321.0	332.9	3.9	84.1	8.4	34.
21.2	59.9	5852.7	500.0	-7.7	-12.1	287.8	5.3	5.0	-1.6	323.6	333.2	3.0	70.6	8.5	36.
22.5	63.1	6271.0	475.0	-9.9	-12.9	280.1	7.1	7.0	1.2	325.7	335.3	3.0	78.8	8.8	39.
23.9	66.6	6666.7	450.0	-12.5	-15.5	242.4	9.3	8.3	4.3	327.6	335.9	2.6	78.1	9.4	41.
25.4	70.0	7101.0	425.0	-15.3	-19.0	277.7	11.5	10.6	4.4	329.3	336.0	2.0	73.4	10.2	43.
26.9	73.7	7556.5	400.0	-16.7	-20.8	253.6	15.7	15.0	4.4	330.7	336.8	1.8	83.8	11.3	46.
28.5	77.4	8034.5	375.0	-22.4	-23.8	233.0	18.4	17.6	5.4	332.0	337.1	1.5	87.9	12.8	49.
29.9	81.3	8538.0	350.0	-26.1	-28.0	253.2	18.9	16.1	5.5	333.6	337.4	1.1	83.8	13.3	52.
31.6	85.3	9070.0	325.0	-30.1	-33.0	237.2	16.2	17.8	4.1	335.2	337.8	0.7	75.2	16.0	54.
33.5	89.6	9634.6	300.0	-35.0	-38.5	260.2	18.8	18.6	3.2	336.1	337.8	0.4	69.6	17.9	57.
35.5	94.0	10235.2	275.0	-40.1	99.9	281.5	21.5	21.3	3.2	337.2	339.9	99.9	99.9	20.1	60.
37.7	98.8	10977.6	250.0	-45.6	99.9	287.3	25.8	25.8	1.2	338.3	339.9	99.9	99.9	23.1	63.
40.1	103.8	11572.4	225.0	-50.5	99.9	279.0	27.2	26.9	-4.3	341.1	339.9	99.9	99.9	26.4	67.
42.7	109.3	12370.0	200.0	-56.5	99.9	293.7	34.9	33.9	-8.3	343.3	339.9	99.9	99.9	30.3	72.
45.6	115.2	13166.4	175.0	-62.1	99.9	286.8	47.4	45.4	-13.7	347.5	339.9	99.9	99.9	35.8	78.
48.9	121.5	14109.9	150.0	-65.2	99.9	283.9	39.0	37.8	-0.4	351.8	339.9	99.9	99.9	45.3	85.
52.9	128.7	15215.8	125.0	-69.3	99.9	270.2	24.9	24.9	-0.1	365.6	339.9	99.9	99.9	52.1	86.
57.3	136.3	16532.4	100.0	-71.2	99.9	268.4	18.0	18.6	0.5	390.1	339.9	99.9	99.9	58.4	86.
63.5	145.3	18235.9	75.0	-71.2	99.9	204.7	3.6	1.5	3.2	423.7	339.9	99.9	99.9	60.5	86.
72.0	154.3	20711.1	50.0	-60.8	99.9	280.6	4.6	4.6	0.8	500.3	339.9	99.9	99.9	60.3	86.
85.6	163.5	25151.7	25.0	-49.4	99.9	999.9	99.9	99.9	99.9	642.7	339.9	99.9	99.9	53.0	85.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS20 MAY 1979
1805 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	33.0	1009.5	27.7	22.0	150.0	5.7	-2.9	4.9	300.0	344.1	16.7	71.0	0.0	0.
0.2	6.0	116.9	1000.0	26.0	22.5	152.4	8.2	-3.8	7.3	299.1	343.9	17.5	81.3	0.2	332.
0.9	8.3	240.1	975.0	23.5	21.7	155.3	7.9	-3.3	7.2	298.6	343.5	17.1	90.1	0.4	332.
1.8	10.6	567.0	950.0	21.3	20.2	163.1	8.2	-2.4	7.9	298.8	340.6	15.9	93.3	0.8	335.
2.8	13.0	798.2	925.0	19.6	17.3	173.7	8.7	-0.9	8.2	299.4	335.4	13.6	86.3	1.4	341.
3.7	15.4	1034.6	900.0	18.0	15.9	179.2	8.0	-0.1	8.0	300.1	334.1	12.8	87.7	1.8	345.
4.6	17.8	1276.1	875.0	16.8	13.2	184.5	9.0	0.7	8.9	301.3	331.0	11.0	79.3	2.2	348.
5.5	20.2	1523.2	850.0	15.9	8.2	177.7	8.8	-0.4	8.8	302.2	325.6	8.3	62.2	2.7	351.
6.5	22.7	1778.2	825.0	18.2	4.9	171.2	8.9	-1.0	6.8	307.9	326.9	6.7	41.8	3.1	351.
7.3	25.2	2041.8	800.0	17.4	8.0	178.5	7.1	-0.2	7.1	309.7	333.7	6.5	54.1	3.4	351.
7.9	27.7	2312.5	775.0	15.8	6.2	214.2	6.2	3.5	5.1	310.2	332.9	7.7	52.7	3.7	352.
8.8	30.3	2590.5	750.0	14.1	4.9	242.6	7.5	6.6	3.4	311.9	333.0	7.3	53.8	3.9	357.
9.8	32.9	2876.2	725.0	12.3	4.2	244.3	9.0	8.1	3.9	313.0	333.7	7.2	57.7	4.1	3.
10.8	35.7	3169.8	700.0	10.1	3.0	252.2	10.6	18.1	3.2	313.7	333.6	6.8	61.3	4.4	10.
11.7	38.3	3471.5	675.0	7.7	2.8	263.5	12.1	12.4	1.4	314.2	334.6	7.0	71.3	4.7	18.
12.8	41.1	3781.8	650.0	5.4	2.6	274.0	12.1	12.3	-0.9	315.1	336.0	7.1	82.0	5.0	27.
13.9	43.9	4102.0	625.0	3.7	-1.7	272.4	11.3	11.5	-0.5	316.7	332.9	5.4	67.7	5.3	34.
15.1	46.3	4433.6	600.0	2.6	-4.5	273.2	12.8	12.8	-0.7	319.1	333.0	4.6	59.4	5.8	42.
16.4	49.7	4776.7	575.0	0.1	-5.9	279.9	13.1	13.2	-2.3	320.2	333.3	4.3	63.8	6.5	49.
17.6	52.7	5131.7	550.0	-2.9	-5.2	281.0	14.0	13.8	-2.7	320.7	335.2	4.7	63.6	7.1	55.
18.8	55.8	5459.3	525.0	-5.2	-6.5	283.5	15.3	14.9	-3.6	322.2	336.1	4.5	90.6	7.9	61.
20.1	59.9	5881.7	500.0	-7.2	-10.4	279.7	17.4	17.2	-2.9	324.2	335.1	3.5	77.8	8.8	66.
21.3	62.1	6280.1	475.0	-9.7	-14.1	276.4	17.0	18.9	-1.9	326.0	334.7	2.7	70.0	10.0	70.
22.8	65.4	6695.0	450.0	-13.3	-16.8	272.3	17.7	17.7	-0.7	326.6	334.0	2.3	74.4	11.3	73.
24.1	69.9	7128.3	425.0	-15.7	-28.4	267.2	20.4	20.4	1.0	328.9	331.9	0.9	32.4	12.9	75.
25.7	72.4	7584.0	400.0	-18.3	-35.5	265.8	20.9	20.8	1.5	331.2	332.9	0.5	20.3	14.7	77.
27.2	76.0	8061.9	375.0	-22.1	-37.4	258.1	20.1	19.7	4.1	332.3	333.8	0.4	23.4	16.6	77.
29.0	79.7	8565.1	350.0	-26.5	-33.8	250.3	20.8	19.4	7.0	333.0	335.2	0.6	50.2	18.7	77.
30.7	83.7	9097.0	325.0	-29.7	-35.0	252.1	22.3	21.4	6.9	335.8	337.9	0.6	59.6	21.0	76.
32.5	87.7	9663.4	300.0	-33.7	-40.9	256.9	25.3	24.6	5.7	337.9	339.2	0.4	48.2	23.5	76.
34.4	92.0	10266.9	275.0	-39.0	-45.7	259.1	24.7	24.3	4.7	338.7	339.6	0.2	48.6	26.4	76.
36.4	96.5	10913.2	250.0	-44.3	99.9	261.6	25.3	23.5	3.8	340.2	999.9	99.9	999.9	29.3	77.
38.6	101.4	11612.4	225.0	-48.8	99.9	261.0	29.3	28.9	4.6	343.2	999.9	99.9	999.9	32.9	77.
41.0	105.5	12375.4	200.0	-55.0	99.9	264.0	32.9	32.7	3.5	345.7	999.9	99.9	999.9	37.4	78.
43.6	112.0	13214.4	175.0	-60.8	99.9	275.5	37.3	37.2	-3.6	349.5	999.9	99.9	999.9	42.7	79.
46.4	118.2	14156.9	150.0	-66.4	99.9	276.7	38.6	38.3	-4.5	355.7	999.9	99.9	999.9	49.0	82.
49.8	125.0	15253.5	125.0	-67.0	99.9	267.5	31.1	31.0	1.3	373.6	999.9	99.9	999.9	56.1	83.
53.6	132.7	16595.6	100.0	-69.5	99.9	264.3	16.2	16.1	1.6	393.4	999.9	99.9	999.9	61.4	84.
58.4	141.5	18304.5	75.0	-69.1	99.9	281.1	7.7	7.6	-1.5	428.1	999.9	99.9	999.9	63.5	83.
65.3	151.5	20800.2	50.0	-57.5	99.9	95.2	6.0	-6.0	0.5	508.6	999.9	99.9	999.9	62.4	83.
78.3	162.5	25274.2	25.0	-49.0	99.9	999.9	99.9	99.9	99.9	644.2	999.9	99.9	999.9	58.0	81.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS20 MAY 1979
2105 GMT

164 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	5.3	33.0	1009.4	29.4	19.1	160.0	6.7	-2.3	6.3	301.8	339.1	14.0	54.0	0.0	0.
0.4	6.1	116.2	1000.0	26.5	17.9	158.7	8.7	-3.2	8.2	299.7	334.4	13.1	59.3	0.3	345.
1.4	8.5	339.3	975.0	24.1	16.8	160.9	6.6	-2.8	8.1	299.4	332.7	12.5	63.8	0.8	342.
2.5	10.9	566.1	950.0	22.1	16.3	161.1	7.7	-2.5	7.2	299.6	332.5	12.4	69.7	1.3	341.
3.3	13.3	797.6	925.0	20.1	16.6	164.3	8.1	-2.2	7.8	299.9	334.4	13.0	80.3	1.7	342.
4.1	15.8	1033.7	900.0	18.0	15.2	170.7	8.1	-1.3	8.1	300.1	332.6	12.2	83.3	2.1	343.
5.0	18.3	1274.9	875.0	16.0	13.5	177.2	7.1	-0.4	7.5	300.5	330.5	11.2	84.7	2.5	345.
5.8	20.8	1521.4	850.0	14.8	10.0	176.5	8.1	-0.5	8.5	301.6	326.5	9.1	73.0	2.9	347.
6.8	23.3	1774.3	825.0	13.3	-1.4	170.1	7.2	-1.2	7.1	304.2	317.1	4.3	32.6	3.4	348.
7.9	25.0	2035.3	800.0	11.5	-6.0	173.3	7.1	-0.9	7.5	308.8	317.9	3.1	20.8	4.3	349.
8.9	28.6	2304.9	775.0	15.4	-2.6	190.0	7.3	1.2	6.9	310.3	322.5	4.1	29.0	4.3	349.
9.9	31.2	2582.1	750.0	14.0	-2.1	204.1	6.1	2.5	5.6	311.6	324.9	4.4	32.9	4.6	351.
11.0	33.9	2867.2	725.0	12.4	-1.0	224.2	6.6	4.6	4.7	313.1	327.7	4.9	39.5	4.9	351.
12.1	35.7	3160.8	700.0	10.5	1.2	248.3	7.3	7.0	2.8	314.1	331.7	6.0	52.4	5.2	359.
13.1	39.6	3462.5	675.0	7.6	1.2	261.6	8.1	6.0	1.2	314.1	332.4	6.2	64.3	5.3	4.
14.1	43.4	3772.5	650.0	4.7	2.7	271.6	9.2	9.2	-0.2	314.3	335.3	7.2	87.1	5.4	10.
15.3	45.3	4091.6	625.0	2.1	-0.4	276.0	10.1	10.2	-1.1	314.8	332.4	6.0	83.6	5.5	17.
16.3	48.3	4421.0	600.0	0.7	-3.4	275.9	10.3	10.4	-1.1	317.8	331.9	5.0	73.8	5.6	23.
17.5	51.3	4762.6	575.0	-0.4	-6.5	279.7	10.7	10.6	-1.8	319.6	332.1	4.1	63.1	5.9	30.
18.9	54.4	5116.7	550.0	-3.5	-8.2	273.5	12.3	12.7	-0.8	319.9	331.5	3.8	70.1	6.3	38.
20.3	57.5	5483.3	525.0	-5.7	-13.5	266.8	15.3	15.3	0.9	321.6	329.9	2.6	54.6	7.1	48.
21.7	60.8	5864.7	500.0	-7.6	-15.4	268.5	17.0	16.9	1.0	323.8	331.2	2.3	53.6	8.2	52.
23.2	63.1	6262.1	475.0	-9.6	-15.4	265.9	20.0	20.0	1.4	326.1	334.0	2.4	62.7	9.5	57.
24.6	67.6	6677.5	450.0	-13.0	-17.8	263.9	21.1	21.0	2.2	327.0	333.8	2.1	66.8	11.2	62.
26.2	71.1	7110.8	425.0	-16.1	-22.4	259.5	21.1	20.8	3.9	328.4	333.3	1.5	57.8	13.1	65.
27.7	74.7	7565.1	400.0	-19.0	-25.6	255.3	20.5	19.8	5.2	330.3	334.3	1.2	56.1	14.9	68.
29.4	78.5	8042.1	375.0	-22.8	-29.9	248.8	20.6	19.2	7.5	331.4	334.4	0.8	52.0	17.0	67.
31.1	82.5	8545.0	350.0	-26.0	-33.3	249.7	21.1	19.8	7.3	333.7	336.1	0.6	49.8	19.2	67.
32.9	86.5	9078.0	325.0	-29.6	-36.8	256.9	23.9	23.3	5.4	336.0	337.8	0.5	49.1	21.6	68.
34.9	90.8	9644.4	300.0	-33.8	-41.5	257.5	26.3	25.7	5.7	337.7	339.0	0.3	45.2	24.6	69.
36.9	95.3	10248.0	275.0	-38.7	-47.4	257.9	28.1	27.4	5.9	339.1	339.9	0.2	39.1	27.7	70.
39.0	100.0	10856.2	250.0	-43.0	-59.9	258.9	32.3	31.7	6.2	342.1	339.9	99.9	999.9	31.5	71.
41.5	105.0	11597.5	225.0	-48.2	-99.9	260.5	33.0	32.5	5.4	344.6	339.9	99.9	999.9	36.3	72.
44.1	110.5	12313.0	200.0	-54.4	-99.9	269.0	33.7	33.7	0.6	346.7	339.9	99.9	999.9	41.4	73.
46.8	116.4	13205.4	175.0	-60.7	-99.9	276.4	34.0	33.8	-3.8	349.8	339.9	99.9	999.9	46.6	76.
49.9	122.7	14154.1	150.0	-64.4	-99.9	265.8	35.0	34.9	2.6	359.1	339.9	99.9	999.9	52.5	78.
53.5	129.7	15251.0	125.0	-67.8	-99.9	266.2	34.5	34.4	2.3	372.6	339.9	99.9	999.9	60.4	78.
57.6	137.3	16591.4	100.0	-69.7	-99.9	266.3	18.9	18.0	1.2	393.1	339.9	99.9	999.9	67.2	80.
62.9	145.7	18299.4	75.0	-66.9	-99.9	311.0	6.9	5.2	-4.5	432.6	339.9	99.9	999.9	70.4	80.
70.1	153.3	20805.6	50.0	-56.3	-99.9	182.9	5.0	0.3	5.0	506.2	339.9	99.9	999.9	70.0	80.
82.2	163.3	25273.6	25.0	-45.7	-99.9	999.9	99.9	99.9	99.9	653.7	339.9	99.9	999.9	64.8	79.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
 VICTORIA, TEXAS

 20 MAY 1979
 2305 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	33.0	1008.4	27.3	17.8	145.0	9.3	-5.3	7.6	299.7	333.8	12.8	56.0	0.0	0.
0.2	6.3	107.1	1000.0	26.4	17.8	99.9	9.9	99.9	99.9	299.5	334.0	13.0	59.3	999.9	999.
1.1	8.6	330.4	975.0	24.4	17.0	999.9	99.9	99.9	99.9	299.7	333.4	12.7	63.6	999.9	999.
1.9	11.0	557.4	950.0	21.9	17.3	999.9	99.9	99.9	99.9	299.4	334.4	13.2	75.1	1.3	342.
2.7	13.4	788.7	925.0	19.6	15.1	170.4	10.0	-1.8	10.4	299.3	330.9	11.8	75.7	1.8	343.
3.6	15.9	1024.8	900.0	18.7	10.1	170.4	10.0	-1.8	10.4	300.8	324.4	8.7	57.3	2.4	345.
4.4	18.3	1266.0	875.0	17.0	6.8	173.4	10.0	-1.2	10.0	301.5	321.1	7.1	51.0	2.9	346.
5.4	20.9	1512.7	850.0	15.4	8.4	175.5	18.0	-0.8	9.9	302.2	324.8	8.2	63.3	3.5	348.
6.2	23.4	1766.1	825.0	16.0	-1.9	168.4	8.1	-1.6	8.0	305.5	317.3	4.1	30.1	3.9	348.
7.2	26.0	2027.8	800.0	16.7	-8.6	168.1	8.0	-1.6	7.8	309.0	316.5	2.5	16.7	4.4	348.
8.2	28.6	2297.2	775.0	15.4	-9.6	174.5	8.3	-0.8	8.0	310.4	317.6	2.4	16.8	4.9	348.
9.3	31.2	2573.8	750.0	13.7	-12.6	188.7	6.7	1.0	6.6	311.4	317.4	1.9	14.9	5.3	349.
10.3	33.9	2858.3	725.0	11.7	-33.6	211.1	5.6	2.9	4.8	312.3	324.4	4.1	34.1	5.6	351.
11.3	36.7	3151.2	700.0	9.8	2.7	229.2	5.3	4.5	3.8	313.3	332.7	6.7	61.3	5.9	354.
12.3	39.4	3453.2	675.0	8.3	1.3	249.7	5.9	5.6	2.1	315.0	333.4	6.3	61.4	6.0	357.
13.4	42.2	3764.1	650.0	5.4	1.7	258.1	6.4	6.4	1.4	315.1	334.6	6.7	76.9	6.1	1.
14.5	45.1	4083.5	625.0	2.8	0.6	263.2	7.3	7.0	0.8	315.6	334.5	6.4	85.6	6.2	5.
15.7	48.0	4414.2	600.0	1.6	-1.9	264.1	8.2	8.1	0.8	316.0	334.6	5.6	77.2	6.3	9.
17.0	51.0	4736.0	575.0	-0.5	-4.5	263.7	10.5	10.7	1.2	319.4	334.0	4.8	74.4	6.6	15.
19.2	54.1	5110.3	550.0	-3.4	-8.4	268.0	13.4	13.8	0.5	320.1	331.5	3.7	68.1	6.9	23.
19.5	57.3	5477.3	525.0	-5.3	-13.3	265.7	15.7	15.7	1.2	321.8	330.1	2.6	54.1	7.5	31.
20.8	60.4	5858.7	500.0	-7.6	-17.4	263.5	17.2	17.1	1.9	323.8	330.1	2.0	45.4	8.3	38.
22.1	63.7	6256.4	475.0	-9.6	-19.5	264.9	18.9	18.8	1.7	326.0	331.7	1.7	44.2	9.3	44.
23.5	67.1	6671.5	450.0	-12.9	-20.4	267.8	19.9	19.9	0.8	327.1	332.6	1.7	53.3	10.5	50.
25.0	70.6	7105.2	425.0	-15.7	-22.3	262.2	20.6	20.5	2.8	328.5	333.9	1.5	56.8	12.1	55.
26.6	74.1	7560.4	400.0	-18.3	-29.0	250.9	21.4	20.2	7.0	331.2	334.2	0.9	38.4	13.9	58.
28.0	77.9	8039.0	375.0	-21.6	-29.3	250.8	23.9	22.5	7.9	333.0	330.2	0.9	49.8	15.9	59.
29.7	81.7	8543.5	350.0	-25.3	-32.5	252.1	24.6	23.4	7.5	334.7	337.2	0.7	50.4	18.2	61.
31.5	85.7	9077.6	325.0	-29.2	-39.5	251.0	26.1	24.7	8.5	336.4	337.8	0.4	35.9	20.9	62.
33.4	89.8	9644.0	300.0	-33.7	-43.7	250.4	28.8	27.2	9.7	337.8	338.8	0.3	35.4	24.0	63.
35.3	94.3	10249.5	275.0	-37.9	-47.7	255.1	33.4	32.3	8.6	340.3	341.0	0.2	34.9	27.5	65.
37.4	99.0	10898.9	250.0	-42.0	-59.9	261.9	37.3	36.9	5.2	342.3	399.9	99.9	999.9	31.8	67.
39.6	104.0	11600.7	225.0	-48.3	-59.9	261.5	37.1	36.7	5.5	344.5	399.9	99.9	999.9	36.7	69.
42.0	109.2	12366.9	200.0	-54.2	-59.9	264.1	37.4	37.2	3.9	346.8	399.9	99.9	999.9	41.8	70.
44.7	115.0	13208.2	175.0	-61.6	-59.9	270.1	36.0	36.0	-0.1	348.3	399.9	99.9	999.9	47.8	72.
47.4	121.2	14152.4	150.0	-66.4	-59.9	267.0	29.9	29.8	1.6	355.7	399.9	99.9	999.9	52.7	74.
50.8	129.0	15244.7	125.0	-66.6	-59.9	267.3	33.0	33.0	1.5	374.3	399.9	99.9	999.9	59.4	75.
54.7	135.7	16577.2	100.0	-71.0	-59.9	275.9	18.6	18.5	-1.9	390.5	399.9	99.9	999.9	65.8	77.
59.8	144.7	18270.5	75.0	-71.6	-59.9	261.8	6.9	6.8	1.0	422.9	399.9	99.9	999.9	68.6	78.
67.1	154.5	20745.8	50.0	-59.6	-59.9	113.4	5.6	-5.1	2.2	503.2	399.9	99.9	999.9	68.3	78.
78.6	164.5	25220.2	25.0	-48.1	-59.9	999.9	98.9	99.9	99.9	646.6	399.9	99.9	999.9	959.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

21 MAY 1979
305 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	33.0	1007.6	23.6	20.7	140.0	5.7	-3.7	4.4	296.1	336.4	15.5	84.0	0.0	0.
0.2	6.3	99.6	1000.0	23.7	22.1	162.6	11.0	-3.3	10.5	296.9	341.0	17.0	90.7	0.3	337.
1.1	8.7	321.2	975.0	21.9	20.8	163.5	11.7	-3.3	11.2	297.1	339.3	16.1	93.7	0.7	340.
2.0	11.1	547.2	950.0	20.2	19.3	166.1	12.3	-2.9	11.9	297.7	337.0	15.0	94.1	1.4	342.
3.0	13.5	777.9	925.0	19.1	17.3	168.2	13.1	-2.6	13.6	298.5	334.8	13.6	89.3	2.1	344.
3.8	16.0	1013.6	900.0	18.8	13.0	171.0	14.6	-2.3	14.4	300.9	329.4	10.6	69.2	2.8	346.
4.8	18.5	1255.3	875.0	17.9	5.9	172.8	14.8	-1.6	12.7	302.4	321.0	6.7	45.4	3.6	347.
5.8	21.0	1502.8	850.0	17.3	2.2	165.8	12.4	-3.1	12.4	304.3	319.3	5.3	36.1	4.4	348.
6.8	23.5	1757.8	825.0	18.2	-9.3	171.9	11.2	-1.6	11.1	307.8	314.7	2.3	14.4	5.1	347.
7.9	26.1	2020.4	800.0	17.3	-10.0	179.9	12.1	-0.0	12.1	309.6	316.4	2.2	14.5	5.8	349.
8.8	28.7	2290.0	775.0	15.6	-7.5	186.8	10.2	1.2	10.1	310.6	319.1	2.8	19.7	6.5	350.
9.7	31.3	2567.3	750.0	13.9	2.0	208.9	7.5	3.6	6.6	311.6	328.9	5.9	44.8	6.9	352.
10.8	34.1	2852.6	725.0	12.1	3.4	223.8	6.3	5.8	6.0	312.8	332.4	6.8	55.2	7.2	355.
11.8	36.8	3145.1	700.0	10.6	2.4	227.1	8.0	5.8	5.4	314.3	333.4	6.5	56.9	7.6	358.
12.9	39.6	3448.4	675.0	8.2	2.3	226.4	6.8	4.9	4.7	314.9	334.6	6.7	66.0	7.9	0.
14.0	42.4	3759.6	650.0	6.2	-0.1	227.5	8.1	6.1	5.6	316.0	333.3	5.9	63.8	8.2	3.
15.0	45.4	4080.5	625.0	3.8	-1.8	238.6	10.1	9.0	5.5	316.8	332.9	5.4	66.9	8.6	6.
16.2	48.3	4411.4	600.0	1.8	-3.9	251.4	11.3	11.3	3.8	318.2	332.7	4.8	66.0	9.0	10.
17.4	51.3	4753.4	575.0	-0.9	-4.0	256.4	13.2	12.8	3.1	319.0	334.0	5.0	79.3	9.4	15.
18.6	54.4	5107.3	550.0	-3.3	-4.0	253.5	13.6	13.0	3.9	320.2	332.0	3.8	69.5	10.0	20.
20.0	57.6	5473.8	525.0	-5.9	-12.2	253.1	14.3	14.2	4.3	321.3	330.4	2.9	61.1	10.7	25.
21.4	60.8	5855.4	500.0	-6.7	-23.3	253.0	16.8	16.2	4.4	324.9	328.8	1.2	25.3	11.6	30.
22.8	64.1	6254.2	475.0	-8.9	-36.8	259.2	19.0	18.6	3.6	326.9	328.2	0.3	8.5	12.7	35.
24.4	67.5	6671.5	450.0	-10.7	-48.4	260.2	21.9	21.9	3.7	329.8	330.3	0.1	3.9	14.0	40.
25.8	71.0	7107.3	425.0	-14.8	-32.2	255.4	24.0	23.2	6.0	330.8	332.1	0.6	21.0	15.7	45.
27.2	74.6	7563.2	400.0	-18.4	-25.2	255.3	23.6	22.9	6.0	331.0	335.2	1.2	55.0	17.5	48.
28.9	78.3	8042.0	375.0	-21.8	-25.0	254.0	25.0	24.1	6.9	332.7	337.3	1.3	75.6	19.6	51.
30.7	82.3	8546.0	350.0	-25.8	-28.7	251.1	23.9	23.9	6.8	333.5	337.5	1.0	76.6	22.3	54.
32.5	86.3	9078.4	325.0	-30.0	-34.9	247.9	20.4	24.8	9.1	335.4	337.6	0.6	61.5	24.8	56.
34.4	90.6	9644.5	300.0	-33.9	-41.6	246.4	30.7	28.2	12.3	337.6	336.0	0.3	45.4	28.0	57.
36.5	95.0	10247.2	275.0	-39.2	-45.5	253.9	33.3	32.0	9.3	338.5	339.4	0.2	50.5	31.9	59.
39.0	99.8	10897.0	250.0	-42.9	99.9	259.0	35.6	35.0	6.8	342.3	399.9	99.9	99.9	36.9	61.
41.6	104.8	11598.2	225.0	-47.9	99.9	262.8	37.8	37.5	4.7	345.1	999.9	99.9	99.9	42.4	64.
44.1	110.2	12364.1	200.0	-54.7	99.9	268.1	38.9	38.9	1.3	346.7	999.9	99.9	99.9	47.6	66.
46.8	116.0	13203.8	175.0	-62.5	99.9	268.0	38.4	38.4	1.3	346.7	999.9	99.9	99.9	53.7	69.
49.7	122.2	14141.9	150.0	-66.6	99.9	257.7	32.2	31.5	6.9	355.3	999.9	99.9	99.9	59.7	71.
53.3	129.3	15235.8	125.0	-72.3	99.9	263.5	37.0	36.7	4.2	364.1	999.9	99.9	99.9	66.6	71.
57.2	137.0	16556.5	100.0	-71.0	99.9	266.4	23.3	23.2	1.5	390.7	999.9	99.9	99.9	74.2	73.
61.7	145.3	18251.8	75.0	-70.8	99.9	207.8	7.5	3.5	6.6	424.5	999.9	99.9	99.9	77.6	74.
69.1	154.3	20739.5	50.0	-60.1	99.9	79.5	5.8	-5.7	-1.1	501.9	999.9	99.9	99.9	76.7	74.
81.6	163.0	25163.8	25.0	-45.5	99.9	71.2	8.6	-8.2	-2.8	642.4	999.9	99.9	99.9	71.3	73.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
 VICTORIA, TEXAS

 21 MAY 1979
 505 GMT

TIME MIN	CNTCT	HEIGHT CPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE AZ KM	11. 0
0.0	6.3	33.0	1008.0	22.0	20.8	160.0	6.1	-2.1	5.8	294.3	334.6	15.6	93.0	0.0	0.
0.2	7.1	102.8	1000.0	23.7	22.7	99.9	99.9	99.9	99.9	296.9	342.0	17.7	94.1	999.9	999.
0.9	9.5	324.9	975.0	22.4	21.4	999.9	99.9	99.9	99.9	297.7	341.3	16.8	94.4	999.9	999.
1.8	11.9	551.3	950.0	20.8	20.0	999.9	99.9	99.9	99.9	298.3	339.5	15.7	95.4	999.9	999.
2.6	14.4	782.3	925.0	19.3	18.3	173.1	12.3	-1.5	12.2	299.6	337.1	14.5	93.9	1.8	347.
3.4	16.9	1018.3	900.0	17.5	16.1	170.0	13.2	-1.4	13.1	299.5	333.9	13.0	91.9	2.4	349.
4.1	19.4	1259.2	875.0	17.5	7.7	171.9	14.0	-2.0	13.8	302.0	323.0	7.6	53.5	3.0	350.
4.9	22.0	1507.2	850.0	18.5	-23.7	173.0	14.0	-1.7	13.9	305.6	307.7	0.7	4.2	3.7	350.
5.8	24.6	1762.8	825.0	18.9	-15.8	181.8	12.8	0.4	12.8	308.5	312.8	1.4	8.4	4.4	351.
6.7	27.2	2025.7	800.0	17.4	-11.2	193.1	12.4	2.8	12.2	309.7	315.9	2.0	13.1	5.0	353.
7.6	29.8	2295.5	775.0	15.7	-10.4	200.0	12.7	4.4	12.0	310.7	317.5	2.2	15.5	5.7	356.
8.7	32.6	2572.6	750.0	14.2	-6.1	213.8	11.5	6.4	9.6	312.0	322.2	3.4	25.4	6.4	360.
9.7	35.3	2857.7	725.0	12.4	-0.1	228.6	10.4	7.5	7.1	313.1	328.7	5.3	42.5	6.9	3.
10.7	39.1	3151.4	700.0	10.7	4.7	235.7	10.0	8.2	5.6	314.3	336.7	7.7	66.7	7.4	7.
11.5	41.0	3453.9	675.0	8.9	2.4	238.2	11.1	9.4	5.8	315.6	335.4	6.8	63.5	7.8	11.
12.9	43.9	3765.4	650.0	6.2	-1.0	238.9	11.3	9.7	5.8	316.0	332.3	5.5	59.7	8.3	15.
13.9	46.8	4086.1	625.0	3.9	-2.2	247.5	11.2	10.3	4.3	316.9	328.5	5.2	64.3	8.8	18.
14.9	49.8	4416.8	600.0	1.3	-7.5	258.3	12.3	12.6	2.6	317.7	328.8	3.6	51.8	9.2	21.
16.0	52.8	4757.8	575.0	-1.4	-16.0	261.1	13.1	13.3	2.1	318.4	324.7	2.0	32.6	9.7	26.
17.1	56.0	5111.0	550.0	-2.4	-32.4	259.3	12.4	12.2	2.3	321.2	322.8	0.4	7.7	10.2	30.
18.4	59.1	5478.5	525.0	-5.0	-26.9	258.1	12.5	12.2	2.6	322.4	325.2	0.8	16.2	10.8	33.
19.7	62.4	5859.9	500.0	-7.3	-54.5	259.4	11.7	11.5	2.2	324.1	324.3	0.0	1.0	11.5	37.
20.9	65.9	6257.3	475.0	-10.0	-56.3	264.0	11.1	11.0	1.2	325.6	325.7	0.0	1.0	12.1	40.
22.3	69.3	6671.1	450.0	-13.6	-58.5	262.0	13.7	13.5	1.9	326.2	326.3	0.0	1.0	12.8	43.
23.5	72.9	7103.2	425.0	-16.6	-60.5	258.6	18.9	18.5	3.7	327.7	327.8	0.0	1.0	13.8	46.
24.9	76.6	7554.5	400.0	-19.4	-62.3	255.0	23.0	22.2	5.9	329.6	329.9	0.0	1.0	15.4	49.
26.5	80.5	8032.9	375.0	-22.9	-32.6	253.3	25.2	24.0	7.7	331.3	333.6	0.6	40.2	17.5	52.
27.9	84.5	8535.3	350.0	-26.9	-28.6	249.1	27.0	25.2	9.6	332.5	336.1	1.0	85.5	19.6	54.
29.5	89.6	9067.3	325.0	-29.8	-36.3	245.5	26.4	23.5	12.2	335.6	338.3	0.8	78.5	22.1	56.
31.2	93.0	9633.2	300.0	-33.9	-36.3	239.9	28.8	24.9	14.4	337.7	339.7	0.6	77.9	24.9	56.
33.0	97.4	10237.4	275.0	-38.7	-42.3	245.6	33.4	30.5	13.8	339.2	340.4	0.3	68.2	28.2	57.
35.0	102.2	10884.5	250.0	-43.6	99.9	248.2	34.6	32.1	12.9	341.3	999.9	99.9	999.9	32.2	58.
37.2	107.4	11584.2	225.0	-49.4	99.9	250.1	37.5	36.4	9.0	342.9	999.9	99.9	999.9	36.8	60.
39.4	112.8	12344.5	200.0	-56.2	99.9	265.8	39.8	39.7	2.9	343.7	999.9	99.9	999.9	41.6	62.
41.7	118.7	13180.9	175.0	-62.1	99.9	267.9	52.2	52.2	1.9	347.4	999.9	99.9	999.9	48.3	66.
44.4	125.2	14121.1	150.0	-64.9	99.9	265.3	40.4	40.2	3.3	358.2	999.9	99.9	999.9	54.9	69.
47.6	132.3	15222.4	125.0	-70.0	99.9	263.8	37.4	37.2	4.0	368.3	999.9	99.9	999.9	61.9	70.
51.5	140.0	16590.6	100.0	-71.7	99.9	264.9	28.0	19.9	1.8	389.2	999.9	99.9	999.9	68.5	72.
56.5	148.3	18253.3	75.0	-71.4	99.9	227.6	7.8	5.8	5.3	423.3	999.9	99.9	999.9	72.3	73.
64.4	157.0	20730.6	50.0	-61.5	99.9	79.0	5.1	-5.0	-1.0	498.7	999.9	99.9	999.9	72.0	73.
77.6	165.7	25149.6	25.0	-52.8	99.9	999.9	99.9	99.9	99.9	633.1	999.9	99.9	999.9	65.8	71.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 253
VICTORIA, TEXAS

21 MAY 1979
004 GMT

TIME MIN	CNTO	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	33.0	1007.1	22.8	21.4	150.0	2.6	-1.3	2.3	295.4	337.2	16.2	92.0	0.0	0.
0.2	6.3	95.3	1000.0	24.3	24.1	999.9	99.9	99.9	99.9	297.0	347.4	19.3	98.7	999.9	999.
1.1	8.6	318.3	975.0	23.7	23.4	999.9	99.9	99.9	99.9	299.0	348.6	19.0	98.4	999.9	999.
2.0	11.0	545.7	950.0	21.0	20.7	999.9	99.9	99.9	99.9	298.5	341.7	16.5	98.5	1.2	345.
3.0	13.4	777.0	925.0	19.2	18.9	180.0	13.5	0.0	13.5	299.0	338.7	15.1	98.0	1.9	350.
3.9	15.9	1012.9	900.0	17.8	17.3	185.4	13.7	1.3	13.7	299.9	336.9	14.0	96.6	2.6	353.
4.8	18.4	1254.6	875.0	17.7	11.4	185.4	14.0	1.3	13.9	302.2	328.8	9.8	66.7	3.4	358.
5.7	20.9	1502.8	850.0	17.8	-2.7	184.7	13.0	1.1	12.9	304.6	315.9	3.8	25.4	4.1	358.
6.6	23.4	1757.3	825.0	16.6	-1.8	187.2	12.8	1.6	12.7	306.1	318.1	4.1	28.7	4.8	359.
7.6	26.0	2015.0	800.0	17.2	-17.8	200.7	12.7	4.5	11.9	309.8	313.3	1.2	7.0	5.6	1.
8.6	28.6	2288.8	775.0	15.9	-13.0	208.0	12.8	6.0	11.3	311.0	316.6	1.8	12.4	6.2	4.
9.6	31.2	2565.7	750.0	13.9	-13.4	211.4	13.6	7.1	11.6	311.7	317.3	1.8	13.7	7.0	6.
10.6	33.9	2850.2	725.0	12.1	-7.2	223.9	12.6	8.8	9.1	312.8	322.2	3.1	25.3	7.7	9.
11.7	36.7	3144.1	700.0	11.0	3.3	232.4	11.7	9.3	7.2	314.7	335.0	7.0	58.9	8.3	13.
12.8	39.4	3447.1	675.0	9.3	2.1	229.1	11.1	8.4	7.3	316.0	335.5	6.6	60.7	8.9	18.
13.9	42.2	3759.3	650.0	7.2	-0.6	233.3	10.5	8.4	6.2	317.1	334.0	5.7	57.8	9.5	18.
15.0	45.1	4080.7	625.0	4.1	-1.7	239.2	11.0	9.4	5.6	317.2	333.4	5.4	65.7	10.1	21.
16.1	48.1	4411.5	600.0	1.3	-6.7	239.8	10.9	9.4	5.5	317.7	329.4	3.9	54.8	10.7	24.
17.6	51.1	4753.3	575.0	-0.1	-21.3	232.0	11.2	8.8	6.9	319.9	323.9	1.2	18.4	11.5	28.
19.0	54.1	5107.8	550.0	-2.2	-53.2	237.1	10.9	8.5	6.8	321.4	321.7	0.1	1.0	12.3	28.
20.3	57.3	5474.9	525.0	-5.2	-53.2	237.1	9.9	8.3	5.4	322.2	322.4	0.0	1.0	13.1	29.
21.8	60.5	5852.9	500.0	-7.8	-44.6	245.6	10.2	9.3	4.2	323.5	324.3	0.2	5.3	13.8	31.
23.1	63.9	6252.7	475.0	-18.7	-17.3	255.4	12.7	12.3	3.2	324.7	331.5	2.1	58.4	14.5	34.
24.5	67.3	6667.1	450.0	-12.5	-26.1	264.5	16.0	18.0	1.5	327.6	331.0	1.0	31.0	15.3	37.
25.9	70.7	7100.4	425.0	-16.2	-28.0	257.7	15.1	15.1	3.3	328.1	331.2	0.9	35.2	16.3	40.
27.6	74.4	7553.7	400.0	-19.7	-33.7	248.6	19.6	18.3	7.1	329.3	331.3	0.5	27.5	17.8	43.
29.2	78.1	8029.7	375.0	-22.9	-33.7	248.6	25.7	28.1	9.0	331.2	333.3	0.6	36.6	19.7	46.
30.9	81.0	8531.1	350.0	-27.1	-36.8	248.6	27.6	25.8	10.0	332.3	333.9	0.5	38.8	22.3	49.
32.9	84.2	9062.0	325.0	-30.8	-35.3	237.4	31.5	28.5	16.9	334.3	336.4	0.6	64.3	25.7	51.
35.0	90.3	9628.6	300.0	-33.4	-37.0	237.7	31.3	26.9	17.0	336.3	340.2	0.5	70.0	29.8	51.
36.8	94.8	10233.5	275.0	-38.6	-42.0	241.6	32.3	28.4	15.3	339.3	340.6	0.3	70.0	33.2	52.
38.8	99.5	10880.4	250.0	-44.2	99.9	245.2	34.3	31.3	14.5	340.4	999.9	99.9	999.9	37.1	53.
40.6	104.5	11576.5	225.0	-51.2	99.9	252.8	36.1	38.5	10.7	340.1	999.9	99.9	999.9	40.9	55.
43.3	109.8	12332.5	200.0	-55.5	99.9	263.4	45.5	45.2	5.3	344.9	999.9	99.9	999.9	46.5	58.
46.2	115.7	13172.3	175.0	-61.6	59.9	268.3	53.3	53.3	1.5	348.3	999.9	99.9	999.9	54.4	63.
49.3	123.0	14111.4	150.0	-67.9	99.9	266.1	46.4	46.3	3.1	353.1	999.9	99.9	999.9	63.2	66.
53.1	129.0	15217.1	125.0	-66.3	99.9	257.3	41.5	40.0	9.0	375.0	999.9	99.9	999.9	72.6	68.
57.0	136.3	16544.6	100.0	-70.7	99.9	258.5	24.2	23.7	4.8	391.1	999.9	99.9	999.9	80.6	69.
62.5	144.7	18268.3	75.0	-68.0	99.9	302.8	5.7	4.8	-3.1	430.4	999.9	99.9	999.9	83.9	70.
70.3	153.3	20743.5	50.0	-60.4	99.9	130.9	5.3	-4.0	3.5	501.2	999.9	99.9	999.9	83.2	70.
81.9	161.7	25161.4	25.0	-51.9	99.9	86.9	7.4	-7.4	-0.4	636.0	999.9	99.9	999.9	79.8	68.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
 VICTORIA, TEXAS

 21 MAY 1979
 1100 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

166 7. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT / DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	33.0	1006.2	22.2	21.0	150.0	5.1	-2.6	4.4	294.8	335.6	15.8	93.0	0.0	0.
0.3	6.2	87.1	1000.0	22.5	21.6	999.9	99.9	99.9	99.9	295.7	338.4	16.5	94.5	999.9	999.9
1.1	8.6	308.5	975.0	22.1	21.2	999.9	99.9	99.9	99.9	297.4	340.4	16.5	94.5	999.9	999.9
1.9	11.0	534.6	950.0	20.7	19.8	999.9	99.9	99.9	99.9	298.2	338.9	15.5	94.0	999.9	999.9
2.8	13.4	765.6	925.0	19.2	18.2	178.0	12.9	-0.5	12.8	298.5	336.8	14.4	94.0	2.0	345.
3.7	15.9	1001.4	900.0	17.6	16.5	183.2	13.0	0.7	13.0	299.6	334.7	13.2	93.3	2.7	349.
4.6	18.4	1242.5	875.0	16.4	15.5	185.8	12.7	1.3	12.7	300.8	331.1	11.3	83.7	3.4	352.
5.6	20.9	1490.0	850.0	18.2	-0.5	186.2	12.9	1.3	11.9	305.2	318.1	4.5	29.3	4.0	355.
6.5	23.4	1745.6	825.0	18.8	-13.3	194.3	10.4	2.6	10.1	308.5	313.6	1.7	10.1	4.6	357.
7.4	26.0	2008.7	800.0	17.7	-7.4	206.0	10.1	4.4	9.1	310.0	318.3	2.7	17.2	5.2	359.
8.4	28.7	2278.8	775.0	15.6	-6.9	218.9	10.4	6.7	8.3	310.6	319.5	2.9	20.6	5.7	2.
9.3	31.3	2556.0	750.0	14.2	1.6	227.7	12.0	8.9	8.1	312.0	320.0	5.8	43.0	6.2	6.
10.3	34.0	2841.9	725.0	12.7	4.2	236.9	12.1	10.4	6.8	313.4	324.2	7.2	56.3	6.7	11.
11.3	36.8	3135.5	700.0	10.1	2.9	241.2	13.1	11.4	6.3	313.6	333.3	6.8	60.9	7.2	15.
12.4	39.7	3437.0	675.0	7.5	0.7	239.8	13.5	11.8	6.8	314.1	331.7	6.0	61.7	7.8	20.
13.5	42.4	3747.3	650.0	5.7	0.3	232.9	12.9	10.3	7.8	315.4	333.2	6.0	68.4	8.5	24.
14.5	45.4	4067.4	625.0	3.4	-1.2	225.0	11.8	8.3	8.3	316.3	333.0	5.6	71.7	9.3	26.
15.7	48.3	4397.7	600.0	0.6	-2.2	219.7	10.8	6.9	8.3	316.9	333.1	5.4	61.4	10.0	27.
16.9	51.4	4738.2	575.0	-1.9	-6.9	218.6	11.2	7.0	8.7	317.5	328.3	3.4	59.1	10.8	28.
18.1	54.5	5090.2	550.0	-4.4	-16.2	216.5	11.4	6.8	9.2	318.8	325.1	2.0	39.2	11.6	28.
19.3	57.6	5455.0	525.0	-6.7	-21.2	217.9	12.6	7.7	9.9	320.4	328.0	1.4	32.1	12.5	29.
20.7	60.9	5834.7	500.0	-8.9	-19.6	230.0	11.9	9.1	7.6	322.2	327.5	1.6	41.3	13.5	30.
22.0	64.3	6230.2	475.0	-11.8	-16.9	238.7	11.1	9.5	5.7	323.4	330.4	2.1	65.5	14.2	32.
23.3	67.6	6642.7	450.0	-14.5	-22.7	234.1	10.4	8.4	6.1	325.1	329.6	1.4	49.5	15.0	33.
24.9	71.1	7073.1	425.0	-17.6	-22.9	245.9	12.3	11.2	5.0	326.5	331.2	1.4	62.8	15.9	34.
26.4	74.7	7524.8	400.0	-19.8	-24.9	254.6	16.6	16.0	4.4	329.3	333.6	1.3	63.9	16.9	37.
27.9	78.6	8001.9	375.0	-22.8	-25.7	249.6	21.0	19.7	7.3	331.4	335.7	1.3	77.6	18.4	40.
29.7	82.4	8503.7	350.0	-26.9	-28.9	248.9	23.2	21.6	8.3	332.5	336.0	1.0	82.8	20.5	43.
31.3	86.5	9033.8	325.0	-31.1	-45.6	251.9	26.4	25.1	8.2	333.6	334.7	0.2	25.8	22.7	46.
33.2	90.8	9555.9	300.0	-35.4	-54.6	253.6	32.8	31.5	9.3	335.4	335.7	0.1	11.9	25.7	50.
35.3	95.3	10196.1	275.0	-39.9	-59.9	252.7	37.0	35.4	11.0	337.5	999.9	99.9	999.9	30.0	53.
37.7	100.0	10839.8	250.0	-45.4	99.9	254.8	35.3	34.1	9.3	339.5	999.9	99.9	999.9	34.9	56.
40.1	105.0	11534.9	225.0	-49.9	99.9	258.7	36.5	35.8	7.1	342.0	999.9	99.9	999.9	39.6	59.
42.4	110.4	12298.2	200.0	-54.8	99.9	265.0	42.7	42.6	3.7	346.8	999.9	99.9	999.9	44.6	61.
45.3	116.4	13140.1	175.0	-60.9	99.9	262.9	51.1	50.7	6.3	349.4	999.9	99.9	999.9	52.4	65.
48.9	122.7	14083.6	150.0	-66.5	99.9	258.5	46.4	45.5	9.2	355.4	999.9	99.9	999.9	62.6	68.
52.6	129.7	15191.7	125.0	-66.1	99.9	260.0	38.3	37.7	6.6	375.2	999.9	99.9	999.9	71.8	69.
57.2	137.3	16538.9	100.0	-65.4	99.9	268.6	20.0	20.0	0.5	393.7	999.9	99.9	999.9	80.3	70.
63.0	146.0	18244.2	75.0	-68.9	99.9	221.4	5.1	3.3	3.8	428.2	999.9	99.9	999.9	83.0	71.
71.2	155.0	20750.1	50.0	-60.8	99.9	172.4	4.5	-0.6	4.5	500.3	999.9	99.9	999.9	81.7	71.
84.2	164.0	25205.2	25.0	-49.5	99.9	293.9	8.4	7.7	-3.4	642.4	999.9	99.9	999.9	77.4	70.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NJ. 260
STEPHENSVILLE, TEXAS

20 MAY 1979
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T OG K	E POT T OG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.5	399.0	964.4	20.6	19.6	180.0	5.1	0.0	5.1	296.8	336.2	15.1	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	10.7	529.5	950.0	20.0	19.1	196.8	11.2	3.2	10.7	297.5	336.4	14.9	94.8	0.3	4.
1.2	13.1	760.3	925.0	19.5	18.7	211.8	16.0	8.4	13.6	299.3	338.5	14.9	95.1	0.9	16.
2.2	15.6	997.3	900.0	19.6	18.2	224.5	16.4	12.9	13.1	301.7	341.2	14.8	91.9	1.9	28.
3.0	18.0	1241.0	875.0	20.8	13.5	237.1	15.8	13.2	8.6	305.4	336.1	11.2	62.9	2.8	35.
4.0	20.4	1491.9	850.0	19.8	9.7	238.6	14.1	12.0	7.3	308.9	331.9	9.0	52.3	3.5	41.
4.8	22.9	1749.0	825.0	18.8	8.0	235.9	12.9	10.7	7.2	306.4	331.5	8.2	49.4	4.2	44.
5.8	25.5	2013.0	800.0	17.5	5.5	229.4	18.2	7.7	6.6	309.5	330.2	7.1	45.0	4.8	45.
6.6	28.0	2283.7	775.0	16.4	4.6	225.0	9.8	6.9	6.9	311.2	331.4	6.9	45.5	5.3	45.
7.6	30.6	2561.3	750.0	13.1	3.5	227.8	8.3	6.2	5.6	310.8	329.6	6.6	52.2	5.8	45.
8.7	33.3	2845.9	725.0	11.2	2.9	232.3	9.5	7.5	5.8	311.7	330.7	6.6	56.8	6.4	46.
9.7	36.0	3138.0	700.0	8.7	3.8	234.9	8.8	7.2	5.0	312.1	332.9	7.2	71.3	7.0	46.
10.7	38.7	3438.5	675.0	6.6	-0.7	240.2	7.8	6.7	3.9	313.1	329.1	5.4	59.6	7.5	47.
11.3	41.6	3747.5	650.0	4.5	-4.7	244.5	4.9	4.4	2.1	314.0	326.5	4.2	51.5	7.8	48.
12.8	44.4	4065.5	625.0	1.8	-7.7	268.0	2.6	2.6	0.1	314.4	325.0	3.4	49.1	8.0	48.
13.9	47.3	4393.8	600.0	-0.4	-9.0	277.5	3.7	3.6	-0.5	315.7	325.5	3.2	51.9	8.1	49.
15.1	50.3	4733.3	575.0	-2.0	-13.7	287.5	4.7	4.4	1.8	317.4	324.9	2.3	40.4	8.4	51.
16.3	53.3	5085.2	550.0	-4.6	-15.7	298.9	6.0	4.5	3.9	318.4	325.1	2.0	41.4	8.8	51.
17.6	56.4	5450.4	525.0	-6.3	-16.3	315.2	6.4	3.7	5.2	320.9	327.5	2.0	44.9	9.3	50.
19.0	59.5	5830.3	500.0	-8.4	-14.4	318.5	5.6	3.5	4.4	321.6	329.6	2.5	66.9	9.7	49.
20.5	62.8	6224.4	475.0	-12.7	-13.3	339.0	7.1	6.1	3.7	322.3	331.5	2.9	95.2	10.2	49.
21.9	66.1	6635.7	450.0	-15.2	-19.3	350.3	8.2	7.7	2.8	324.1	330.1	1.8	70.6	10.9	50.
23.5	69.6	7065.6	425.0	-17.8	-19.1	366.1	8.6	6.8	0.6	326.2	332.7	2.0	89.8	11.6	52.
25.0	73.1	7516.6	400.0	-20.8	-23.5	369.0	13.3	13.3	0.9	328.0	332.8	1.4	79.0	12.4	53.
26.6	76.9	7990.9	375.0	-24.3	-28.5	369.0	17.0	17.0	0.3	329.6	332.8	1.0	67.7	13.7	53.
28.4	80.7	8490.5	350.0	-27.8	-31.2	368.6	22.1	22.1	0.5	331.2	334.1	0.8	72.2	15.4	62.
30.2	84.7	9020.0	325.0	-31.3	-34.8	354.5	23.1	22.2	6.1	333.6	335.8	0.6	70.6	17.9	65.
32.2	88.8	9581.4	300.0	-34.1	-40.4	347.9	23.6	21.9	8.9	334.5	335.8	0.4	64.1	20.6	66.
34.2	93.2	10178.2	275.0	-41.7	-49.9	345.0	27.3	25.9	11.3	334.9	339.9	99.9	99.9	23.6	68.
36.4	97.8	10817.2	250.0	-46.0	-59.9	341.6	35.0	30.8	16.6	337.6	359.9	99.9	99.9	27.7	65.
38.9	102.8	11512.3	225.0	-50.7	-69.9	348.1	41.5	38.5	15.5	340.4	369.9	99.9	99.9	33.4	65.
41.5	108.2	12269.5	200.0	-56.3	-79.9	361.8	45.0	44.6	6.4	343.6	369.9	99.9	99.9	40.0	67.
44.1	114.0	13106.4	175.0	-62.3	-89.9	369.5	45.1	45.6	0.4	347.1	369.9	99.9	99.9	46.9	70.
46.8	120.2	14044.9	150.0	-67.7	-99.9	369.0	42.3	42.3	0.7	353.6	369.9	99.9	99.9	54.0	73.
50.3	127.2	15138.7	125.0	-66.8	-99.9	364.7	29.7	29.2	2.7	374.0	369.9	99.9	99.9	61.1	74.
54.7	135.0	16477.0	100.0	-68.9	-99.9	362.3	20.0	20.6	2.8	394.7	369.9	99.9	99.9	67.8	75.
59.7	144.3	18206.8	75.0	-68.2	-99.9	375.3	4.3	4.2	-0.4	430.0	369.9	99.9	99.9	70.8	76.
67.6	155.0	20719.2	50.0	-59.6	-99.9	359.7	3.4	3.3	0.6	503.2	369.9	99.9	99.9	69.9	76.
80.0	165.0	25165.3	25.0	-50.1	-99.9	999.9	99.9	99.9	99.9	640.5	999.9	99.9	99.9	64.6	75.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
 STEPHENVILLE, TEXAS

 20 MAY 1979
 1400 GMT

154 11. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	399.0	964.4	21.6	20.9	180.0	6.2	0.0	6.2	297.8	340.7	16.4	96.0	2.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	10.4	535.3	950.0	21.4	20.4	193.4	9.5	2.2	9.3	298.9	341.4	16.2	94.1	0.4	3.
1.1	12.6	762.1	925.0	20.4	19.6	208.0	14.2	6.7	12.5	300.2	341.7	15.7	94.9	0.8	12.
1.9	14.8	999.7	900.0	20.4	19.5	223.3	15.7	10.8	11.4	302.5	340.0	12.4	73.3	1.6	23.
2.9	16.9	1244.7	875.0	22.4	14.5	228.5	13.9	10.4	9.2	307.1	340.0	12.0	60.9	2.4	33.
3.8	19.3	1456.8	850.0	21.1	12.3	225.9	11.8	8.5	8.2	308.2	337.8	10.7	57.2	3.1	36.
4.6	21.5	1754.9	825.0	19.2	10.7	231.4	8.9	7.0	5.6	308.9	336.5	9.9	57.7	3.6	38.
5.5	23.8	2019.2	800.0	17.9	6.8	234.5	7.8	6.4	4.5	310.2	332.5	7.8	48.0	4.0	39.
6.4	26.2	2290.0	775.0	15.7	6.8	238.0	7.8	5.6	3.5	310.7	333.7	8.1	55.3	4.3	41.
7.3	28.5	2567.9	750.0	13.8	4.3	226.5	5.9	4.3	4.1	311.5	331.7	7.0	52.8	4.7	42.
8.2	30.9	2852.8	725.0	11.7	4.7	216.1	4.1	2.4	3.3	312.3	333.6	7.4	62.2	4.9	42.
9.1	33.3	3145.9	700.0	9.4	3.0	217.5	2.0	1.2	1.6	312.9	332.7	6.8	64.3	5.1	41.
10.2	35.8	3446.5	675.0	6.5	2.0	231.8	1.7	1.3	1.0	312.9	332.0	6.6	73.1	5.2	42.
11.3	38.3	3755.4	650.0	3.8	1.8	219.7	2.7	1.7	2.0	313.3	332.9	6.7	86.6	5.3	42.
12.7	40.9	4073.4	625.0	1.4	0.4	196.8	3.0	0.9	2.8	314.1	332.6	6.3	92.7	5.6	41.
14.1	43.5	4401.6	600.0	-0.7	-7.7	164.7	2.4	-0.6	2.3	315.2	326.2	3.6	58.9	5.7	40.
15.5	46.2	4740.4	575.0	-3.0	-9.2	163.7	3.1	-0.9	3.0	316.5	326.7	3.0	62.2	5.8	38.
16.7	49.9	5091.3	550.0	-5.2	-11.2	189.3	5.8	0.9	5.7	318.0	327.2	3.0	62.4	6.1	36.
18.0	51.8	5455.8	525.0	-7.1	-11.1	202.6	8.8	3.4	8.1	319.9	329.7	3.1	73.1	6.6	35.
19.3	54.6	5835.3	500.0	-9.2	-13.1	213.5	9.1	5.0	7.6	321.9	330.7	2.8	72.9	7.3	34.
20.9	57.6	6231.3	475.0	-10.9	-16.9	231.5	9.6	7.5	6.0	324.5	330.4	1.8	51.9	8.2	35.
22.3	60.6	6644.3	450.0	-14.4	-22.3	243.8	10.9	9.8	4.8	325.2	329.9	1.4	50.8	9.0	37.
23.6	63.7	7074.7	425.0	-18.0	-23.7	246.3	16.0	15.0	5.7	325.9	330.4	1.3	60.7	9.8	40.
24.9	66.9	7525.9	400.0	-20.6	-28.5	246.0	21.7	19.8	8.8	328.2	331.4	0.9	49.1	11.2	44.
26.5	70.3	8000.0	375.0	-24.0	-28.7	239.9	26.2	22.7	13.2	329.9	333.2	1.0	65.4	13.4	47.
28.3	73.7	8501.3	350.0	-27.0	-29.3	233.9	25.5	20.3	15.4	332.4	335.8	1.0	80.8	16.2	49.
30.0	77.3	9031.3	325.0	-31.2	-34.5	232.2	26.2	21.0	15.7	333.6	335.9	0.6	72.3	18.9	49.
31.9	81.0	9592.8	300.0	-35.8	-40.7	234.1	27.2	22.0	15.9	334.9	336.3	0.4	63.0	21.9	50.
34.0	85.0	10191.2	275.0	-40.8	-46.8	234.5	27.1	22.5	16.0	336.1	339.9	99.9	999.9	25.2	50.
36.4	89.2	10832.0	250.0	-46.3	-49.9	238.4	29.1	24.8	15.3	337.3	339.9	99.9	999.9	29.3	51.
39.9	93.5	11524.5	225.0	-51.4	-54.9	247.6	34.7	32.1	13.2	339.7	339.9	99.9	999.9	33.8	53.
41.5	99.2	12286.3	200.0	-56.9	-59.9	254.7	42.1	40.6	11.1	342.7	339.9	99.9	999.9	39.7	56.
44.2	103.2	13113.6	175.0	-62.6	-66.6	256.5	46.4	45.1	10.8	346.6	339.9	99.9	999.9	46.6	59.
47.4	108.8	14049.8	150.0	-69.0	-73.9	262.5	43.4	43.5	5.7	351.2	339.9	99.9	999.9	54.8	62.
50.8	114.7	15148.0	125.0	-64.0	-69.9	262.3	33.2	32.9	4.5	379.2	339.9	99.9	999.9	62.7	64.
54.6	121.7	16501.3	100.0	-66.6	-71.9	265.5	13.9	13.8	1.1	399.1	339.9	99.9	999.9	67.1	66.
59.8	130.0	18241.4	75.0	-63.9	-69.9	332.6	5.3	2.5	-4.8	439.0	339.9	99.9	999.9	70.1	66.
67.2	140.5	20753.4	50.0	-56.6	-59.9	103.8	5.3	-4.8	1.4	510.2	339.9	99.9	999.9	69.1	66.
79.1	154.0	25224.6	25.0	-49.3	-59.9	104.0	7.4	-7.4	1.8	642.6	339.9	99.9	999.9	63.8	64.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

20 MAY 1979
1700 GMT

163 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	399.0	965.5	24.0	18.6	190.0	7.2	1.3	7.1	300.2	337.8	14.2	72.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	10.6	541.0	975.0	23.0	19.2	198.6	5.7	1.8	5.4	300.6	340.2	14.9	79.0	0.4	4.
1.4	13.0	773.3	925.0	20.7	18.9	206.4	7.3	3.3	6.6	300.5	340.4	15.1	89.6	0.7	12.
2.3	15.5	1010.4	900.0	18.7	17.4	224.6	6.6	6.0	6.1	300.7	338.1	14.1	92.2	1.1	19.
3.3	17.9	1253.0	875.0	15.9	11.3	232.6	10.8	10.3	3.2	304.5	331.1	9.7	57.9	1.6	33.
4.3	20.4	1503.1	850.0	15.5	10.1	254.4	8.7	8.4	2.3	306.2	332.1	9.2	54.6	2.1	47.
5.2	23.0	1759.9	825.0	19.6	7.7	213.4	7.8	4.3	6.5	309.3	332.1	8.0	46.1	2.5	49.
6.3	25.5	2024.7	800.0	18.7	1.5	190.6	8.2	1.6	8.6	311.1	326.8	5.4	31.5	3.0	43.
7.3	28.1	2295.8	775.0	16.2	4.5	190.9	7.4	1.4	7.2	311.2	330.9	6.8	45.7	3.4	38.
8.4	30.7	2573.8	750.0	13.8	3.8	198.1	5.4	1.7	5.2	311.5	331.0	6.7	51.0	3.8	35.
9.4	33.3	2858.6	725.0	11.4	3.2	204.2	4.5	2.8	4.5	311.9	331.3	6.7	57.3	4.1	34.
10.5	36.1	3150.9	700.0	8.9	1.7	207.3	4.6	2.1	4.0	312.4	330.4	6.2	60.5	4.4	34.
11.6	38.9	3451.5	675.0	6.7	2.2	206.3	4.9	2.2	4.4	313.2	332.6	6.7	72.9	4.7	33.
12.6	41.7	3760.6	650.0	4.0	2.7	200.9	5.2	1.9	4.8	313.5	334.2	7.2	91.3	5.0	33.
13.7	44.6	4078.8	625.0	1.4	1.0	197.5	5.8	1.7	5.5	314.0	333.3	6.6	97.2	5.3	32.
14.6	47.5	4407.0	600.0	-0.4	-0.6	192.5	6.3	1.4	6.2	315.7	333.8	6.1	98.3	5.7	31.
15.7	50.5	4747.6	575.0	-2.2	-2.4	185.0	7.4	0.6	7.4	317.4	334.2	5.6	98.3	6.1	29.
17.2	53.5	5099.5	550.0	-4.7	-5.0	185.8	8.4	0.8	8.3	318.5	333.0	4.6	97.9	6.7	27.
18.7	56.6	5465.0	525.0	-7.0	-8.5	196.5	10.2	2.9	9.8	320.1	332.0	3.9	89.3	7.5	25.
20.4	59.9	5844.3	500.0	-9.5	-11.8	206.9	12.2	5.5	10.9	321.5	331.2	3.1	83.1	8.7	25.
21.9	63.1	6239.1	475.0	-11.9	-13.3	210.7	11.7	6.0	10.1	323.3	332.5	2.9	89.0	9.8	25.
23.3	66.4	6650.6	450.0	-16.2	-21.1	222.4	9.1	6.1	6.7	322.9	325.0	0.6	24.0	10.7	26.
24.9	70.0	7077.6	425.0	-19.6	-21.2	233.8	8.5	6.8	5.0	323.8	326.1	0.7	34.8	11.4	27.
26.5	73.6	7526.7	400.0	-21.6	-27.1	234.0	14.2	11.5	8.4	328.9	330.5	1.0	60.5	12.3	30.
29.8	77.3	7958.6	375.0	-25.6	-36.3	237.6	19.6	16.6	10.5	327.7	327.8	0.0	1.0	13.7	33.
29.8	81.2	8495.4	350.0	-28.3	-45.3	232.6	24.5	19.8	15.1	330.7	331.4	0.2	17.6	15.9	36.
31.7	85.2	9023.5	325.0	-31.3	-46.9	228.2	27.7	20.7	18.5	333.6	334.3	0.2	20.1	18.9	38.
33.7	89.4	9587.4	300.0	-34.7	-42.6	232.1	27.7	21.9	17.0	336.5	337.7	0.3	43.7	22.2	40.
35.8	93.8	10189.3	275.0	-39.4	-47.9	234.2	28.5	23.4	16.9	338.1	338.8	0.2	39.8	25.7	42.
38.1	98.6	10834.3	250.0	-44.4	-53.4	236.2	31.7	26.4	17.6	340.1	339.9	99.9	99.9	29.7	44.
40.4	103.5	11533.2	225.0	-49.4	-59.9	242.5	36.1	32.4	16.9	342.6	339.9	99.9	99.9	34.0	46.
42.6	108.8	12495.0	200.0	-54.5	-66.6	244.1	45.1	40.6	19.7	346.4	339.9	99.9	99.9	39.3	48.
45.2	114.7	13138.7	175.0	-60.5	-73.6	251.2	49.4	46.8	15.9	350.2	339.9	99.9	99.9	46.4	51.
47.8	121.0	14082.6	150.0	-67.6	-81.9	258.9	42.7	41.9	8.2	353.7	339.9	99.9	99.9	53.4	54.
51.1	128.0	15170.3	125.0	-66.6	-99.9	256.6	31.7	30.8	7.3	374.5	339.9	99.9	99.9	60.0	57.
54.8	136.0	16533.4	100.0	-65.1	-99.9	248.8	16.4	15.3	5.9	401.9	339.9	99.9	99.9	64.6	58.
59.6	145.3	18292.0	75.0	-64.2	-99.9	257.8	7.4	7.2	1.6	438.3	339.9	99.9	99.9	67.6	59.
66.4	155.5	20809.8	50.0	-57.6	-99.9	110.6	5.1	-5.4	2.0	507.9	339.9	99.9	99.9	67.6	59.
78.3	166.0	25276.4	25.0	-50.2	-99.9	99.9	99.9	99.9	99.9	648.5	339.9	99.9	99.9	64.0	56.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

20 MAY 1979
2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD CM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.0	399.0	965.3	23.0	20.7	170.0	5.1	-0.9	5.0	299.2	341.7	16.2	67.0	0.0	0.
9.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	9.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	10.4	539.0	950.0	22.6	19.6	168.7	5.4	-1.8	9.2	300.2	340.8	15.4	83.1	0.3	349.
1.3	12.7	771.3	925.0	21.2	18.1	174.8	7.7	-0.7	7.6	301.0	339.1	14.3	82.5	0.8	346.
2.3	15.2	1009.6	900.0	21.6	16.5	218.5	7.3	4.6	5.7	303.7	338.7	13.3	73.1	1.1	357.
3.2	17.6	1254.2	875.0	20.3	14.9	235.4	18.6	8.2	5.7	304.9	338.4	12.3	71.3	1.4	13.
4.2	20.1	1504.2	850.0	18.1	14.3	244.8	10.9	9.9	4.6	305.2	338.3	12.1	78.1	1.9	28.
5.3	22.6	1760.1	825.0	16.6	12.2	252.0	11.4	11.0	3.6	306.1	336.2	10.9	75.4	2.5	38.
6.3	25.1	2022.1	800.0	15.0	9.9	261.1	10.5	10.7	1.7	307.1	334.0	9.6	71.5	3.1	46.
7.4	27.8	2290.3	775.0	12.5	8.9	257.8	11.0	10.8	2.3	307.3	333.2	9.3	78.3	3.7	52.
8.4	30.4	2565.1	750.0	9.9	6.8	249.8	11.5	10.8	4.0	307.4	334.0	9.6	92.8	4.4	56.
9.5	33.1	2846.5	725.0	7.7	7.7	239.6	9.9	8.5	5.0	307.9	333.5	9.2	99.9	5.0	57.
10.7	35.8	3135.9	700.0	6.1	6.1	228.7	10.1	7.6	6.7	309.2	333.2	8.5	99.7	5.7	57.
11.8	38.6	3434.0	675.0	4.5	4.4	221.9	12.3	8.2	9.2	310.7	333.1	7.8	99.4	6.4	55.
12.9	41.4	3741.5	650.0	3.0	2.9	214.2	14.8	8.3	12.2	312.3	333.3	7.3	99.2	7.3	53.
14.2	44.3	4058.9	625.0	1.1	-0.3	214.3	17.1	9.6	14.1	313.7	331.3	6.0	90.5	8.5	50.
15.5	47.3	4386.7	600.0	-0.8	-1.2	216.5	18.0	10.7	14.5	315.2	332.6	5.9	97.3	9.9	48.
16.8	50.3	4726.1	575.0	-2.7	-3.1	216.3	17.9	10.6	14.4	316.8	332.7	5.3	96.8	11.2	47.
18.3	53.4	5077.1	550.0	-5.5	-13.8	219.6	20.2	12.9	15.5	317.5	325.0	2.4	51.8	12.8	46.
19.5	55.5	5441.1	525.0	-7.5	-16.5	226.0	20.9	15.1	14.5	319.5	325.9	2.0	48.1	14.4	45.
21.0	59.7	5821.1	500.0	-8.2	-20.0	238.5	20.9	17.9	10.9	323.1	328.2	1.6	37.8	16.2	46.
22.5	63.0	6217.3	475.0	-11.0	-20.6	246.3	16.8	15.4	6.8	324.3	329.5	1.6	44.9	18.0	48.
24.2	66.4	6630.6	450.0	-13.9	-23.5	255.1	15.8	15.2	4.0	325.7	330.1	1.3	44.5	19.3	49.
26.0	70.0	7062.6	425.0	-16.8	-24.0	255.6	20.1	20.1	5.1	327.5	331.9	1.3	53.4	21.1	52.
27.7	73.6	7516.2	400.0	-19.7	-26.9	260.4	17.4	17.6	3.0	329.4	333.0	1.0	52.4	23.0	54.
29.3	77.3	7992.0	375.0	-23.5	-27.7	264.9	19.1	19.0	1.7	330.5	334.1	1.0	67.9	24.6	56.
31.1	81.2	8492.7	350.0	-27.4	-30.7	263.9	18.6	18.5	2.0	331.9	334.8	0.8	73.0	26.2	58.
32.9	85.2	9022.5	325.0	-30.6	-38.1	251.6	22.9	21.7	7.2	334.5	336.1	0.4	47.8	28.3	60.
34.8	89.3	9586.2	300.0	-35.3	-42.1	245.7	27.4	28.1	11.3	335.7	336.9	0.3	49.2	31.3	60.
36.7	93.8	10185.8	275.0	-40.6	99.9	248.0	30.7	28.4	11.5	336.5	99.9	99.9	99.9	34.4	61.
38.7	98.4	10829.2	250.0	-44.6	99.9	243.1	40.1	35.7	18.1	339.6	99.9	99.9	99.9	38.7	62.
41.0	103.4	11526.2	225.0	-50.1	99.9	241.4	48.6	41.2	22.4	341.7	99.9	99.9	99.9	44.6	62.
43.4	108.8	12284.9	200.0	-56.1	99.9	249.1	58.8	54.9	21.0	344.0	99.9	99.9	99.9	52.1	62.
45.9	114.5	13123.3	175.0	-62.0	99.9	259.1	69.3	68.0	13.1	347.6	99.9	99.9	99.9	61.9	64.
48.8	120.7	14066.8	150.0	-64.7	99.9	262.1	50.1	49.6	6.9	358.6	99.9	99.9	99.9	72.2	67.
51.7	127.7	15187.1	125.0	-64.9	99.9	256.5	38.6	37.6	9.0	377.5	99.9	99.9	99.9	79.3	68.
55.0	135.3	16538.1	100.0	-67.8	99.9	279.7	22.5	22.2	-3.8	396.7	99.9	99.9	99.9	86.1	69.
60.0	144.3	18274.5	75.0	-68.1	99.9	327.0	9.1	5.0	-7.6	430.2	99.9	99.9	99.9	88.4	69.
66.9	154.5	20779.1	50.0	-56.9	99.9	90.0	10.7	-10.7	-0.0	509.4	99.9	99.9	99.9	86.6	69.
73.9	165.3	22711.0	25.0	-47.8	99.9	99.9	99.9	99.9	99.9	647.7	99.9	99.9	99.9	79.4	67.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

20 MAY 1979
2300 GMT

163 16. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RYO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.5	390.0	962.0	25.3	22.0	150.0	6.2	-3.1	5.4	301.6	348.5	17.6	82.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	10.7	509.8	950.0	24.3	21.0	175.4	16.2	-1.3	16.3	301.8	346.4	16.8	82.3	0.5	321.
0.9	13.1	743.5	925.0	22.3	20.2	173.7	16.1	-1.8	16.7	302.1	345.6	16.3	87.9	0.9	337.
1.7	15.6	982.5	900.0	21.3	18.6	160.7	17.2	0.2	17.2	303.5	344.2	15.2	84.5	1.6	345.
2.6	18.1	1227.1	875.0	19.9	17.7	193.1	14.9	3.4	14.5	304.5	344.2	14.7	87.0	2.5	353.
3.4	20.7	1477.8	850.0	19.7	13.9	207.6	11.4	5.3	10.1	306.6	339.4	11.6	69.1	3.1	358.
4.3	23.2	1735.5	825.0	19.6	8.4	200.1	9.4	3.4	9.2	309.3	333.2	8.5	48.4	3.5	3.
5.2	25.8	2000.1	800.0	17.9	7.3	190.2	11.0	2.0	10.6	310.2	333.1	8.1	49.9	4.1	4.
6.2	28.4	2271.0	775.0	15.6	6.5	194.0	12.1	2.9	11.7	311.6	332.0	7.9	54.7	4.8	5.
7.2	31.1	2548.6	750.0	13.5	4.8	203.7	15.1	6.1	13.6	311.3	332.0	7.2	55.4	5.6	7.
8.1	33.8	2833.7	725.0	11.9	3.5	208.3	16.3	7.7	14.3	312.5	332.3	6.8	56.5	6.4	10.
9.0	36.6	3126.6	700.0	9.4	2.6	213.2	15.5	8.7	13.3	312.3	332.3	6.6	62.4	7.2	12.
9.9	39.3	3427.7	675.0	7.2	2.1	222.6	16.9	11.5	12.5	313.7	333.1	6.6	69.9	8.0	15.
11.0	42.2	3737.7	650.0	5.4	0.6	231.2	20.2	15.7	12.7	315.1	333.3	6.2	71.3	9.0	19.
12.0	45.1	4057.4	625.0	3.1	-0.9	228.8	22.7	17.1	14.9	316.6	333.1	5.8	75.1	10.2	23.
13.2	48.1	4387.2	600.0	0.4	-2.8	220.9	21.4	16.1	14.1	316.6	332.1	5.2	79.0	11.7	26.
14.4	51.0	4725.6	575.0	-0.0	-9.1	242.6	18.3	17.1	8.9	319.5	330.4	3.4	50.6	13.0	29.
15.5	54.1	5064.0	550.0	-1.6	-10.1	246.2	18.6	16.4	7.2	322.3	332.4	3.2	52.0	14.0	32.
16.6	57.4	5453.3	525.0	-3.9	-13.6	249.3	15.7	14.7	5.6	323.7	331.9	2.5	46.8	14.9	35.
18.0	60.6	5836.6	500.0	-6.7	-19.9	256.4	15.9	15.5	3.7	324.5	330.2	1.6	34.4	15.9	38.
19.4	63.9	6235.8	475.0	-8.9	-17.7	253.8	14.1	15.5	4.5	327.6	333.5	2.0	48.5	17.0	41.
20.9	67.2	6652.5	450.0	-11.6	-48.5	250.3	15.1	18.0	6.4	328.7	329.8	0.3	8.3	18.3	43.
22.6	70.7	7088.2	425.0	-14.6	-22.3	247.0	18.0	17.0	7.2	330.2	335.4	1.5	52.0	20.1	45.
24.2	74.4	7544.7	400.0	-18.0	-61.4	254.1	18.6	17.9	5.1	331.6	331.7	0.0	1.0	21.7	47.
25.7	78.1	8023.1	375.0	-21.8	-63.8	258.7	18.7	18.3	3.6	332.6	332.6	0.0	1.0	23.2	49.
27.2	82.0	8526.5	350.0	-26.2	-66.6	257.9	18.9	18.5	4.0	333.5	333.6	0.0	1.0	24.7	51.
29.7	86.0	9057.7	325.0	-30.7	-69.6	261.3	23.4	23.0	4.7	334.4	334.5	0.0	1.0	26.3	53.
31.5	90.3	9620.6	300.0	-35.2	-40.6	261.3	31.7	31.3	4.8	335.8	337.2	0.4	57.1	29.0	56.
32.3	94.7	10222.1	275.0	-39.4	-43.0	246.9	35.7	32.8	14.0	338.2	339.4	0.3	68.2	32.6	58.
34.4	99.4	10868.4	250.0	-43.3	99.8	238.9	37.5	32.1	19.4	341.7	339.9	99.9	999.9	36.9	58.
36.5	104.4	11568.9	225.0	-49.1	99.9	238.7	43.4	37.1	22.6	343.3	339.9	99.9	999.9	42.1	58.
38.6	109.8	12331.0	200.0	-55.7	99.9	243.8	48.3	43.4	21.3	344.6	339.9	99.9	999.9	47.8	59.
40.9	115.6	13168.9	175.0	-62.7	99.9	249.4	53.6	50.2	18.9	346.5	339.9	99.9	999.9	54.9	60.
43.8	122.0	14101.3	150.0	-69.9	99.9	256.3	58.1	52.6	12.9	349.7	339.9	99.9	999.9	64.6	62.
47.2	129.0	15206.2	125.0	-64.1	99.9	254.4	47.1	45.3	12.6	379.0	339.9	99.9	999.9	74.4	63.
51.2	137.0	16550.7	100.0	-70.4	99.9	253.7	32.5	31.2	9.1	391.6	339.9	99.9	999.9	83.9	65.
57.0	146.3	18275.3	75.0	-68.0	99.9	159.5	14.9	-5.2	14.8	430.3	339.9	99.9	999.9	91.7	65.
64.4	156.7	20786.7	50.0	-59.3	99.9	70.2	7.4	-6.9	-2.5	503.8	339.9	99.9	999.9	99.1	66.
76.5	167.5	25255.4	25.0	-51.0	99.9	58.8	13.7	-11.7	-7.1	638.1	339.9	99.9	999.9	81.8	66.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
 STEPHENVILLE, TEXAS

 21 MAY 1979
 200 GMT

154 36. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	399.0	963.2	23.4	19.1	160.0	5.1	-1.7	4.8	299.8	338.6	14.7	77.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	10.0	520.0	950.0	23.4	19.5	163.6	12.6	-3.6	12.1	300.9	341.3	15.2	79.0	0.3	340.
1.4	12.0	753.2	925.0	21.8	18.4	173.7	14.4	-1.6	14.3	301.6	340.6	14.6	81.3	0.9	345.
2.2	14.1	991.4	900.0	20.0	18.1	183.4	17.2	1.1	17.7	302.1	341.4	14.7	88.7	1.8	352.
3.2	16.3	1234.8	875.0	18.3	17.4	193.0	19.6	4.4	19.1	302.8	341.6	14.5	94.3	2.8	358.
4.2	19.5	1483.6	850.0	16.9	15.9	197.6	16.8	5.1	16.0	303.9	338.3	12.7	88.2	3.9	3.
5.2	20.6	1739.0	825.0	16.9	11.0	205.6	12.4	5.4	11.2	305.2	334.4	10.1	68.3	4.8	7.
6.2	23.0	2001.3	800.0	15.7	8.1	211.0	10.8	5.6	9.3	307.9	331.9	8.5	60.7	5.4	9.
7.2	25.2	2276.5	775.0	13.9	6.7	224.0	12.8	8.9	9.2	308.8	331.3	8.0	61.5	6.0	12.
8.3	27.6	2548.7	750.0	12.0	5.8	232.8	14.4	11.5	8.7	309.6	331.6	7.7	65.5	6.7	17.
9.3	30.0	2830.0	725.0	10.3	4.9	231.4	15.6	12.2	9.8	310.6	332.3	7.5	68.9	7.5	21.
10.4	32.5	3121.6	700.0	7.9	5.6	238.2	15.9	11.9	10.6	311.2	334.6	8.2	85.3	8.4	24.
11.5	35.0	3421.2	675.0	6.1	4.3	234.5	15.6	12.7	9.1	312.4	334.8	7.8	88.6	9.4	27.
12.7	37.6	3730.2	650.0	3.9	2.0	238.5	17.0	14.5	8.9	313.4	333.3	6.9	87.7	10.4	30.
14.0	40.3	4048.5	625.0	1.9	-0.3	237.3	17.2	14.4	9.3	314.6	332.4	6.0	85.5	11.5	33.
15.3	43.1	4377.2	600.0	-0.0	-4.2	243.7	18.1	16.2	8.0	316.1	330.1	4.7	73.3	12.8	36.
16.4	45.9	4717.0	575.0	-2.3	-10.9	242.6	17.4	16.6	5.2	317.3	326.3	2.9	52.0	13.9	39.
17.8	48.9	5068.2	550.0	-5.1	-22.1	246.3	15.6	14.3	6.3	318.0	322.2	1.3	26.8	15.0	42.
19.2	51.8	5433.1	525.0	-6.1	-49.5	237.7	15.6	13.2	6.4	321.1	321.6	0.1	2.6	16.2	43.
20.6	54.9	5813.5	500.0	-7.7	-54.8	231.8	18.6	14.6	11.5	323.7	323.9	0.0	1.0	17.6	44.
22.0	58.1	6210.9	475.0	-9.8	-59.1	234.6	17.8	14.5	10.3	325.9	326.1	0.0	1.0	19.2	45.
23.5	61.5	6625.7	450.0	-13.2	-81.6	231.1	17.8	15.9	8.1	326.7	327.0	0.1	3.0	20.6	46.
24.9	64.9	7037.6	425.0	-16.8	-99.9	231.1	23.0	21.0	11.6	327.4	329.8	0.7	28.3	22.3	47.
26.6	68.6	7511.2	400.0	-19.3	-62.2	242.2	29.6	26.2	13.8	330.0	330.1	0.0	1.0	24.9	48.
28.5	72.3	7987.4	375.0	-22.0	-64.6	247.5	30.7	28.4	11.7	331.1	331.2	0.0	1.0	28.4	51.
30.3	76.3	8488.8	350.0	-27.1	-67.2	249.7	33.7	31.6	11.7	332.3	332.3	0.0	1.0	31.6	53.
32.4	80.5	9018.9	325.0	-30.9	-69.8	247.2	34.8	32.1	13.5	334.1	334.2	0.0	1.0	35.8	55.
34.6	84.8	9581.0	300.0	-35.9	-73.1	245.4	34.8	31.1	14.2	334.7	334.8	0.0	1.0	40.1	56.
37.0	89.4	10180.8	275.0	-39.8	99.9	244.1	39.1	35.2	17.1	337.6	999.9	99.9	999.9	45.3	57.
39.3	94.3	10827.1	250.0	-43.9	99.9	245.2	47.3	43.0	19.9	340.6	999.9	99.9	999.9	51.0	58.
41.3	99.6	11525.5	225.0	-50.1	99.9	247.1	53.0	48.8	20.6	341.7	999.9	99.9	999.9	57.2	59.
43.3	105.3	12282.8	200.0	-56.8	99.9	251.6	48.2*	45.7	15.2	342.8	999.9	99.9	999.9	63.3	60.
46.2	111.7	13114.5	175.0	-62.8	99.9	249.8	39.2*	36.8	13.5	346.3	999.9	99.9	999.9	70.9	61.
48.8	118.5	14055.3	150.0	-68.3	99.9	243.9	38.0*	34.2	15.0	352.5	999.9	99.9	999.9	76.7	61.
52.2	126.2	15139.8	125.0	-69.1	99.9	250.8	35.5*	33.5	11.7	363.9	999.9	99.9	999.9	84.0	62.
55.7	134.7	16487.9	100.0	-65.0	99.9	253.4	20.8*	18.6	9.3	402.2	999.9	99.9	999.9	91.2	62.
60.3	144.5	18227.3	75.0	-66.2	99.9	330.5	11.7*	5.7	-10.2	434.2	999.9	99.9	999.9	93.1	63.
66.6	155.5	20735.1	50.0	-60.5	99.9	999.9	99.9	99.9	99.9	501.0	999.9	99.9	999.9	90.3	64.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.0	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

21 MAY 1979
500 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	399.0	964.8	23.0	20.7	170.0	5.1	-0.9	5.0	299.3	341.9	16.2	87.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	10.6	527.1	550.0	22.4	20.5	173.5	15.0	-1.0	15.7	299.5	342.7	16.3	89.3	0.3	351.
1.2	13.0	759.7	925.0	21.4	19.4	180.9	19.3	0.3	19.3	301.2	342.6	15.6	88.5	1.1	354.
2.0	15.4	997.8	900.0	19.8	18.6	192.0	18.6	3.8	18.2	301.5	342.3	15.2	92.6	2.1	1.
2.9	17.7	1241.1	875.0	18.4	17.6	197.9	16.6	5.1	15.8	302.6	342.3	14.7	95.3	2.9	5.
3.7	20.1	1490.2	850.0	17.4	15.7	214.2	16.4	9.2	13.6	304.3	340.6	13.4	90.1	3.7	9.
4.7	22.5	1746.0	825.0	17.0	12.1	227.3	17.7	13.0	12.0	306.5	336.6	10.9	73.4	4.5	16.
5.5	24.9	2008.4	800.0	15.4	9.6	231.7	15.6	12.3	9.7	307.8	334.0	9.5	68.1	5.3	21.
6.4	27.5	2277.2	775.0	13.3	7.7	240.5	14.8	12.9	7.3	308.2	332.2	8.6	68.6	6.0	25.
7.3	30.0	2552.9	750.0	12.6	6.3	247.7	12.5	11.6	4.6	310.3	333.2	8.0	65.3	6.6	29.
8.3	32.6	2837.5	725.0	11.0	5.7	247.8	11.9	11.0	4.5	311.5	334.3	8.0	70.2	7.1	33.
9.5	35.2	3129.8	700.0	9.8	4.1	250.9	12.2	11.5	4.0	312.4	333.8	7.4	71.8	7.8	37.
10.5	37.9	3430.4	675.0	7.1	-1.2	251.1	11.9	11.3	3.9	313.6	329.8	5.2	55.4	8.4	39.
11.6	40.6	3740.0	650.0	4.4	2.0	243.1	12.6	11.2	5.7	313.9	333.9	6.8	81.7	9.1	42.
12.8	43.3	4058.5	625.0	1.7	1.4	232.8	14.0	11.1	8.4	314.4	334.2	6.8	97.9	10.0	43.
13.9	46.2	4386.9	600.0	-0.8	-1.1	226.3	15.6	11.3	10.8	315.2	332.6	5.9	97.7	11.0	44.
15.1	49.1	4725.7	575.0	-3.4	-3.9	221.7	16.0	10.6	11.9	316.6	331.0	5.8	98.2	12.2	44.
16.4	52.1	5076.6	550.0	-5.7	-7.0	217.9	15.7	9.6	12.4	317.4	330.2	4.2	91.6	13.3	44.
17.6	55.1	5438.9	525.0	-8.0	-10.2	216.6	16.9	9.6	13.9	318.6	319.2	8.1	2.6	14.6	43.
19.0	58.3	5818.7	500.0	-9.7	-13.4	210.0	18.1	9.0	15.7	321.2	322.4	0.3	9.1	16.0	42.
20.3	61.5	6211.7	475.0	-11.4	-18.1	214.1	21.6	12.1	17.9	323.9	324.4	0.2	4.4	17.5	41.
21.5	64.8	6624.8	450.0	-14.1	-20.1	224.0	28.4	19.7	20.4	325.2	327.8	0.6	21.7	19.3	41.
22.9	68.1	7056.8	425.0	-15.5	-22.9	230.5	33.5	26.1	21.5	329.1	331.7	0.7	27.6	21.8	42.
24.3	71.7	7511.7	400.0	-18.4	-26.2	237.3	35.1	29.6	19.0	331.1	331.8	0.2	7.6	24.7	43.
26.0	75.1	7989.8	375.0	-21.9	-30.9	239.1	34.6	29.7	17.8	332.6	332.7	0.0	1.0	28.3	45.
28.0	79.0	8493.6	350.0	-25.8	-36.4	238.4	32.7	27.9	17.2	333.9	334.0	0.0	1.0	32.2	47.
29.7	82.9	9026.2	325.0	-29.5	-40.8	234.4	29.2	25.9	13.3	336.1	336.1	0.0	1.0	35.4	48.
31.7	87.0	9592.1	300.0	-34.2	-45.0	233.4	29.6	28.3	6.5	337.2	337.2	0.0	1.0	38.5	50.
33.7	91.3	10154.7	275.0	-39.8	-50.9	233.4	33.2	33.2	6.1	337.6	337.6	99.9	999.9	41.9	52.
35.6	95.8	10838.3	250.0	-45.5	-58.9	233.4	37.6	36.1	10.7	338.5	339.0	99.9	999.9	45.6	54.
38.0	100.8	11531.1	225.0	-51.5	-65.9	234.3	43.7	39.0	18.7	339.8	339.9	99.9	999.9	51.1	56.
40.6	106.0	12285.4	200.0	-56.9	-72.0	233.6	46.7	41.8	20.7	342.6	342.6	99.9	999.9	58.2	57.
43.3	111.8	13120.6	175.0	-62.4	-79.9	233.9	48.3	44.1	15.7	346.9	346.9	99.9	999.9	65.8	58.
46.2	118.0	14056.9	150.0	-67.7	-86.9	234.0	51.1	46.7	20.8	351.5	351.5	99.9	999.9	74.4	59.
49.3	125.0	15156.6	125.0	-64.2	-92.9	236.9	35.9	35.0	8.1	378.7	378.7	99.9	999.9	82.8	60.
53.2	133.0	16514.7	100.0	-63.8	-99.9	272.3	20.5	20.5	-0.8	404.0	404.0	99.9	999.9	89.4	61.
59.2	142.5	18260.2	75.0	-65.3	-99.9	337.4	8.0	3.3	-7.8	436.0	436.0	99.9	999.9	89.8	62.
65.6	153.5	20764.1	50.0	-59.3	-99.9	104.0	8.9	-8.7	2.2	503.9	503.9	99.9	999.9	88.2	62.
77.6	164.5	25200.1	25.0	-51.2	-99.9	999.9	99.9	99.9	99.9	637.8	637.8	99.9	999.9	79.7	61.

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STATION NO. 260
STEPHENVILLE, TEXAS

21 MAY 1979
800 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	399.0	964.2	21.5	20.5	150.0	3.1	-1.6	2.7	297.7	339.5	16.0	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	11.7	528.4	950.0	21.3	20.4	180.9	10.2	0.2	10.2	298.5	341.1	16.1	94.3	0.3	354.
1.3	14.1	760.1	925.0	20.2	19.4	195.6	13.0	3.5	12.6	299.9	340.9	15.5	95.1	0.8	4.
2.3	16.5	997.6	900.0	19.7	18.0	211.9	11.8	6.2	10.1	301.6	340.9	14.6	89.9	1.6	13.
3.2	18.9	1241.1	875.0	19.0	18.5	225.3	11.2	7.5	8.3	303.6	340.3	13.7	85.7	2.1	20.
4.1	21.4	1490.5	850.0	17.0	15.7	233.6	10.1	8.1	6.0	304.0	340.0	13.3	91.7	2.7	26.
5.0	23.9	1745.2	825.0	15.1	13.8	243.2	9.2	8.5	3.4	305.6	337.7	12.2	92.0	3.1	31.
5.9	26.3	2006.4	800.0	13.5	13.2	252.1	8.0	7.7	2.5	305.6	336.9	11.0	97.8	3.5	36.
6.9	28.9	2273.8	775.0	11.8	11.4	260.4	7.7	6.7	3.8	306.5	336.9	11.0	97.2	3.8	40.
7.8	31.5	2548.4	750.0	10.1	9.0	268.6	9.7	6.6	7.1	307.6	336.6	9.7	92.9	4.3	41.
8.7	34.1	2830.3	725.0	8.8	4.1	273.9	11.2	7.0	8.1	309.4	329.4	7.1	92.1	4.9	41.
9.7	36.8	3120.6	700.0	7.0	2.2	277.2	11.6	8.6	8.0	310.2	328.8	6.4	71.6	5.5	42.
10.8	39.6	3419.1	675.0	5.1	0.5	277.0	15.2	11.1	10.3	311.4	328.5	5.9	71.9	6.4	42.
11.8	42.3	3726.6	650.0	3.2	-1.7	230.7	16.1	12.5	10.2	312.6	327.9	5.2	70.1	7.4	43.
12.9	45.1	4043.4	625.0	0.5	-3.0	232.1	16.3	12.8	9.7	313.0	328.1	5.1	97.5	9.5	45.
14.0	48.0	4365.8	600.0	-2.7	-3.0	231.9	15.7	12.3	9.7	313.0	328.1	5.1	97.5	9.5	45.
15.1	50.9	4707.1	575.0	-4.3	-4.6	231.0	14.5	11.3	9.1	315.0	329.2	4.8	98.1	10.4	46.
16.3	54.0	5050.8	550.0	-6.3	-6.6	233.1	14.1	11.3	8.5	316.4	329.4	4.3	98.0	11.5	46.
17.6	57.0	5418.5	525.0	-10.0	-17.7	231.4	16.2	12.7	10.1	316.4	329.2	1.8	93.1	12.6	47.
18.9	60.1	5794.7	500.0	-10.2	-35.4	228.9	19.3	13.6	13.6	320.7	322.0	0.4	10.7	14.1	47.
20.3	63.4	6185.1	475.0	-11.8	-30.3	236.9	18.4	15.4	10.0	323.3	325.6	0.6	19.9	15.6	47.
21.7	66.7	6601.0	450.0	-14.3	-27.4	254.3	18.4	18.7	5.2	325.3	328.3	0.9	31.8	17.1	49.
23.2	70.1	7033.0	425.0	-16.8	-32.1	261.1	15.1	14.9	2.3	327.5	329.6	0.6	24.9	18.5	51.
24.8	73.6	7485.0	400.0	-20.1	-32.6	259.6	10.6	10.4	1.9	329.4	332.2	0.6	31.9	19.5	53.
26.5	77.3	7960.7	375.0	-24.3	-30.5	254.3	12.3	11.9	3.3	329.4	332.2	0.8	56.2	20.6	54.
28.2	81.1	8465.3	350.0	-27.7	-34.7	239.3	8.6	7.4	4.4	331.4	333.5	0.6	51.0	21.7	55.
29.6	85.0	8990.0	325.0	-30.9	-38.1	203.4	4.5	1.8	4.1	334.1	335.7	0.4	48.8	22.2	55.
30.8	89.2	9552.5	300.0	-35.1	-42.5	226.0	10.6	7.6	7.3	335.5	337.0	0.3	46.7	22.5	55.
32.0	93.5	10152.3	275.0	-40.6	-49.9	228.9	18.7	13.6	12.8	336.4	339.9	99.9	999.9	23.6	54.
33.8	99.2	10792.9	250.0	-46.5	-46.5	224.9	27.2	19.5	19.8	336.5	339.9	99.9	999.9	26.0	53.
35.8	103.0	11482.7	225.0	-52.9	-52.9	228.7	35.1	26.9	23.6	337.5	339.9	99.9	999.9	29.8	52.
38.0	108.3	12230.3	200.0	-59.7	-59.7	233.0	42.3	33.8	23.5	338.3	339.9	99.9	999.9	35.2	52.
40.8	114.0	13055.8	175.0	-64.4	-59.9	245.4	45.4	41.2	18.9	343.6	339.9	99.9	999.9	42.2	53.
44.3	120.2	13955.9	150.0	-65.4	-59.9	248.6	44.5	41.5	16.3	357.5	339.9	99.9	999.9	52.0	56.
48.8	127.3	15108.7	125.0	-64.5	-59.9	246.4	34.7	31.8	13.9	378.2	339.9	99.9	999.9	62.4	58.
53.6	135.3	16481.2	100.0	-64.8	-59.9	283.1	19.2	18.7	-4.4	402.5	339.9	99.9	999.9	70.1	59.
59.6	144.3	18201.9	75.0	-66.8	-59.9	340.3	5.7	1.9	-3.3	433.0	339.9	99.9	999.9	70.1	61.
68.8	154.0	20654.7	50.0	-58.6	-59.9	69.7	9.1	-8.5	-3.1	505.4	339.9	99.9	999.9	68.1	61.
83.7	164.3	25138.2	25.0	-50.3	-50.3	999.9	99.9	99.9	99.9	640.5	339.9	99.9	999.9	60.9	58.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS21 MAY 1979
1100 GMT

155 12. 0

TIME MIN	CNTCT	HEIGHT GRM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	399.0	963.0	19.5	18.3	150.0	2.1	-1.1	1.8	295.2	332.2	13.9	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	10.5	516.7	950.0	19.6	18.9	180.5	5.8	-1.9	5.5	297.1	335.4	14.6	95.6	0.1	333.
1.3	12.7	746.8	925.0	18.4	18.2	183.8	8.2	0.5	6.2	290.2	336.1	14.4	95.6	0.4	344.
2.2	15.1	962.8	900.0	18.4	18.3	187.0	6.6	0.8	6.6	300.5	340.0	14.9	99.1	0.9	2.
3.0	17.4	1225.4	875.0	17.7	17.5	206.3	5.0	2.2	4.5	302.1	341.1	14.6	98.8	1.1	3.
3.9	19.7	1473.7	850.0	16.3	16.1	218.7	3.1	1.9	2.4	303.2	340.3	13.7	98.8	1.3	9.
4.9	22.2	1728.0	825.0	14.5	14.3	187.8	1.4	0.2	1.4	303.9	338.0	12.6	98.7	1.4	11.
5.9	24.6	1988.3	800.0	12.5	12.2	187.3	2.0	-0.4	2.0	304.5	335.3	11.3	98.4	1.5	8.
6.9	27.1	2255.5	775.0	12.3	9.9	214.7	3.2	2.1	3.1	307.1	334.8	10.0	85.6	1.6	9.
7.9	29.6	2530.7	750.0	11.9	1.0	230.8	8.5	6.6	5.4	309.5	325.5	5.5	47.2	1.9	15.
8.8	32.2	2813.8	725.0	10.1	-2.6	239.4	9.3	8.0	4.7	310.6	323.5	4.4	41.0	2.3	23.
9.6	34.8	3104.7	700.0	8.3	-3.2	248.4	8.8	8.2	3.2	311.7	324.5	4.3	44.0	2.7	30.
10.5	37.4	3404.0	675.0	5.8	-4.0	252.4	9.0	8.6	2.7	312.2	324.7	4.2	49.2	3.1	36.
11.5	40.2	3711.4	650.0	2.7	-4.3	250.4	9.0	8.5	3.0	312.2	324.7	4.3	60.0	3.5	41.
12.5	42.9	4027.4	625.0	-8.2	-5.0	246.2	5.8	8.9	3.9	312.2	324.8	4.2	70.1	4.0	44.
13.6	45.8	4353.1	600.0	-2.7	-5.2	254.4	11.6	11.1	3.1	313.1	326.0	4.3	82.7	4.6	48.
15.0	48.7	4689.9	575.0	-4.7	-9.3	252.9	11.3	10.8	3.3	314.5	324.6	3.3	70.3	5.6	53.
16.3	51.6	5039.9	550.0	-5.9	-11.0	243.2	11.6	10.3	5.2	317.1	326.4	3.0	67.6	6.4	55.
17.5	54.6	5402.6	525.0	-8.8	-10.0	232.8	12.7	10.1	7.7	317.2	328.3	3.4	91.6	7.3	56.
18.9	57.7	5779.9	500.0	-10.8	-11.3	214.4	12.5	7.1	10.3	319.9	329.9	3.2	96.1	8.2	54.
20.0	61.0	6173.0	475.0	-13.1	-13.5	197.4	11.9	3.5	11.3	321.8	330.8	2.8	96.7	9.0	52.
21.3	64.3	6583.7	450.0	-15.6	-16.5	190.4	11.2	2.0	11.0	323.6	331.1	2.5	92.4	9.7	48.
22.8	67.6	7013.7	425.0	-17.7	-18.9	206.0	11.5	5.2	10.7	325.3	333.0	2.0	90.0	10.5	45.
24.5	71.1	7465.1	400.0	-20.9	-21.5	219.1	16.6	10.5	12.9	327.9	333.6	1.7	94.8	11.9	44.
26.0	74.8	7938.3	375.0	-25.5	-32.6	221.6	20.8	13.8	15.6	327.9	330.2	0.7	51.1	13.7	44.
27.8	78.7	8434.5	350.0	-29.6	-32.5	224.9	23.9	16.9	16.9	328.6	330.2	0.1	8.7	16.0	44.
29.5	82.7	8958.6	325.0	-34.1	-31.8	230.1	28.0	21.9	18.3	329.7	330.0	0.1	14.9	18.6	44.
31.1	86.8	9513.8	300.0	-38.3	-31.9	234.2	35.1	28.8	20.8	331.4	330.9	99.9	999.9	21.7	45.
33.0	91.2	10108.6	275.0	-42.1	-39.9	234.3	40.3	32.8	23.5	334.3	330.9	99.9	999.9	26.1	47.
35.3	95.8	10747.2	250.0	-47.1	-39.9	234.3	38.5	31.3	22.5	336.0	330.9	99.9	999.9	31.5	48.
37.7	100.8	11435.8	225.0	-52.6	-39.9	232.0	37.4	29.5	23.0	337.9	330.9	99.9	999.9	37.0	49.
40.1	106.0	12185.1	200.0	-55.3	-39.9	238.3	36.4	32.7	20.2	338.9	330.9	99.9	999.9	42.4	50.
42.6	111.8	13014.1	175.0	-63.0	-39.9	249.0	39.1	36.5	14.0	346.0	330.9	99.9	999.9	47.9	51.
45.4	119.0	13956.1	150.0	-63.0	-39.9	252.0	36.2	34.4	11.2	361.6	330.9	99.9	999.9	55.3	54.
49.6	125.0	15086.1	125.0	-60.2	-39.9	251.4	28.2	26.7	9.0	386.1	330.9	99.9	999.9	62.5	56.
54.1	132.7	16456.2	100.0	-64.8	-39.9	255.4	12.4	12.3	-1.2	401.1	330.9	99.9	999.9	67.8	58.
59.7	141.3	18207.0	75.0	-67.3	-39.9	256.6	3.6	3.3	1.4	431.8	330.9	99.9	999.9	67.9	58.
67.6	152.3	20654.2	50.0	-59.5	-39.9	254.0	4.0	3.8	-1.0	503.5	330.9	99.9	999.9	67.7	58.
79.8	158.7	25101.2	25.0	-49.1	-39.9	999.0	99.9	99.9	99.9	644.0	330.9	99.9	999.9	64.4	57.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS20 MAY 1979
1105 GMT

164 9. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.4	314.0	972.2	19.8	17.6	180.0	6.2	0.0	6.2	295.3	329.6	13.2	87.0	0.0	0.
99.9	99.9	99.9	1000.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	11.5	513.9	950.0	21.0	14.7	140.2	15.2	-9.7	11.6	298.2	328.3	11.2	67.8	0.5	342.
1.4	13.9	746.3	925.0	25.0	9.0	144.1	14.4	-8.5	11.7	304.9	326.7	7.8	36.1	1.1	328.
2.1	16.3	986.4	900.0	23.4	6.9	149.9	13.4	-6.7	11.6	305.4	325.2	7.0	34.6	1.7	329.
2.9	18.3	1231.6	875.0	22.0	6.8	153.5	11.6	-5.2	10.4	306.7	326.7	7.1	37.2	2.4	329.
3.7	21.3	1482.6	850.0	20.5	6.8	175.1	8.9	-0.8	6.8	307.4	327.3	7.3	40.8	2.8	331.
4.6	23.8	1739.7	825.0	15.3	4.5	214.9	4.9	2.8	4.0	309.0	327.3	6.4	37.6	3.1	335.
5.6	26.4	2003.8	800.0	17.8	3.1	255.3	4.7	4.7	0.4	310.2	327.5	6.0	37.4	3.1	339.
6.5	29.1	2274.5	775.0	16.5	3.0	293.5	6.6	6.1	-2.6	311.2	329.4	6.2	40.5	2.9	344.
7.6	31.7	2552.7	750.0	14.2	2.7	291.2	8.2	7.6	-2.9	312.0	330.1	6.2	45.7	2.7	352.
8.7	34.4	2837.8	725.0	11.6	1.9	299.1	9.7	9.1	-3.2	312.2	329.9	6.1	51.2	2.4	4.
9.6	37.1	3130.0	700.0	8.8	1.7	295.8	10.1	9.8	-2.8	312.3	330.3	6.2	60.9	2.4	19.
10.9	40.0	3429.6	675.0	5.3	1.7	275.4	10.0	9.9	-0.9	311.6	330.3	6.4	77.6	2.6	35.
12.1	42.8	3737.5	650.0	2.8	1.7	268.0	11.0	11.0	0.4	312.1	331.5	6.7	92.9	3.1	46.
13.1	45.6	4054.7	625.0	1.0	-0.2	266.0	12.9	12.8	0.9	313.6	331.3	6.1	91.9	3.6	54.
14.4	48.6	4382.6	600.0	-0.8	-1.9	262.8	14.8	14.7	1.9	315.2	331.7	5.6	92.3	4.6	61.
15.6	51.6	4721.9	575.0	-3.1	-3.8	252.2	15.9	15.2	4.9	316.4	331.5	5.0	94.3	5.7	64.
16.8	54.7	5073.4	550.0	-4.8	-7.4	244.6	19.3	17.5	8.2	318.4	330.7	4.0	82.0	6.9	65.
17.9	57.9	5437.9	525.0	-7.8	-9.6	224.6	20.4	18.5	8.7	319.1	330.0	3.5	86.8	8.2	65.
19.1	61.1	5816.0	500.0	-10.3	-13.3	243.5	22.5	20.2	10.0	320.5	329.1	2.8	78.8	9.8	65.
20.5	64.4	6209.8	475.0	-12.7	-15.7	237.9	24.2	20.5	12.8	322.3	329.9	2.4	78.2	11.7	64.
22.2	67.9	6621.3	450.0	-14.4	-31.5	236.9	25.6	21.5	14.0	325.1	327.2	0.6	21.7	14.2	63.
23.6	71.3	7052.8	425.0	-16.6	-45.9	236.4	26.1	22.2	13.7	327.7	328.2	0.1	5.9	16.4	62.
25.0	74.9	7505.7	400.0	-19.8	-42.0	237.7	25.6	21.6	13.7	329.3	330.1	0.2	11.8	18.7	62.
26.6	78.7	7982.4	375.0	-22.2	-63.3	231.6	24.4	19.1	15.2	332.3	332.4	0.0	1.1	21.0	61.
28.4	82.5	8485.3	350.0	-26.2	-80.4	230.8	21.9	17.0	13.9	333.4	333.6	0.0	2.5	23.5	60.
30.3	86.5	9016.7	325.0	-30.9	-88.2	225.1	19.2	13.6	13.6	334.2	334.4	0.1	6.4	25.7	59.
32.4	90.7	9579.4	300.0	-35.2	-83.2	226.3	17.2	12.5	11.9	335.8	336.8	0.3	43.1	27.9	58.
34.4	95.2	10178.3	275.0	-40.9	99.9	231.6	24.1	18.8	15.0	335.9	999.9	99.9	999.9	30.2	57.
36.4	99.8	10819.8	250.0	-45.5	99.9	236.7	30.3	25.3	16.6	338.4	999.9	99.9	999.9	33.5	57.
38.8	104.8	11514.9	225.0	-51.0	99.9	244.0	37.0	33.3	16.2	340.3	999.9	99.9	999.9	38.2	57.
41.3	110.0	12271.2	200.0	-56.5	99.9	250.1	46.3	43.5	15.7	343.3	999.9	99.9	999.9	44.5	59.
44.4	115.7	13105.6	175.0	-63.3	99.9	256.2	45.4	44.1	10.8	345.6	999.9	99.9	999.9	53.0	61.
47.8	121.2	14036.0	150.0	-69.9	99.9	264.7	43.3	43.2	4.0	349.7	999.9	99.9	999.9	61.8	64.
51.1	129.0	15111.9	125.0	-72.5	99.9	281.8	35.2	33.4	11.0	353.7	999.9	99.9	999.9	68.8	66.
55.3	136.5	16436.2	100.0	-70.0	99.9	293.0	19.0	18.2	5.6	352.4	999.9	99.9	999.9	76.4	66.
60.3	145.3	18145.8	75.0	-70.0	99.9	153.7	4.7	-1.3	4.5	426.2	999.9	99.9	999.9	78.3	66.
69.6	155.5	20619.0	50.0	-59.0	99.9	94.1	4.8	-4.8	0.3	504.4	999.9	99.9	999.9	77.0	65.
83.0	166.0	25049.0	25.0	-50.7	99.9	100.4	7.4	-7.2	1.3	639.0	999.9	99.9	999.9	72.3	64.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

20 MAY 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	316.0	974.2	21.6	19.9	160.0	3.6	-1.2	3.4	297.8	336.7	15.2	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	11.4	532.8	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.5	13.7	763.0	925.0	19.6	19.1	169.3	11.2	-2.1	11.0	297.3	336.3	14.9	95.9	0.3	350.
2.3	16.1	999.1	900.0	18.6	18.0	170.9	13.5	-2.1	13.3	298.4	335.7	14.2	95.8	0.9	351.
3.3	18.5	1242.4	875.0	20.3	16.2	173.0	13.4	-1.6	13.3	301.2	336.2	13.1	84.0	1.6	350.
4.2	20.9	1493.0	850.0	20.5	11.5	186.9	12.6	1.5	12.6	304.5	332.0	9.9	57.5	2.2	354.
5.1	23.5	1750.2	825.0	19.2	7.1	185.9	10.3	1.2	12.3	307.6	328.6	7.5	41.9	2.9	357.
6.0	26.0	2014.3	800.0	18.0	6.6	194.1	9.6	2.7	10.3	308.9	328.6	6.9	40.6	3.6	358.
7.0	28.5	2285.5	775.0	16.3	4.7	200.6	8.3	2.9	9.2	310.3	332.2	7.7	47.3	4.1	360.
8.0	31.1	2563.6	750.0	14.1	5.2	215.3	8.0	4.6	6.5	311.5	333.3	7.4	46.1	4.6	2.
9.1	33.7	2849.0	725.0	11.8	3.8	225.4	7.1	5.1	5.0	312.4	332.5	7.0	54.9	5.0	4.
10.1	36.4	3141.9	700.0	9.5	2.3	244.8	3.9	3.5	1.6	313.6	331.9	6.5	60.9	5.7	10.
11.2	39.1	3442.9	675.0	7.6	0.9	268.0	2.9	2.9	0.1	314.2	332.0	6.1	62.6	5.7	11.
12.5	41.9	3752.6	650.0	4.6	0.6	283.9	8.2	6.2	0.7	314.7	332.2	6.2	62.6	5.8	14.
13.6	44.7	4071.6	625.0	2.0	-0.2	290.0	10.6	10.0	3.6	314.7	332.5	6.0	65.3	6.0	19.
14.6	47.5	4400.2	600.0	-0.7	-1.8	299.7	11.9	11.1	4.1	315.3	331.9	5.6	62.5	6.6	24.
15.9	50.4	4739.3	575.0	-3.3	-4.4	249.2	14.2	12.5	6.6	316.1	330.6	4.8	92.4	7.3	29.
17.0	53.4	5089.9	550.0	-5.7	-6.8	237.6	16.6	14.1	8.9	317.3	330.0	4.2	92.0	8.2	33.
18.4	56.5	5453.1	525.0	-8.5	-10.1	230.0	19.9	16.5	11.1	318.2	328.7	3.4	88.0	9.6	36.
20.0	59.6	5830.8	500.0	-9.6	-13.7	233.5	23.6	19.0	14.0	321.4	325.1	1.1	30.7	11.6	40.
21.6	62.8	6220.6	475.0	-11.6	-15.9	237.7	24.1	19.4	14.3	323.7	324.8	0.3	9.1	13.9	42.
23.0	66.0	6678.0	450.0	-13.7	-18.6	237.5	24.9	21.0	13.4	326.0	326.1	0.0	1.0	15.9	43.
24.5	69.4	7070.4	425.0	-16.7	-20.7	241.4	26.1	22.9	12.5	327.6	327.7	0.0	1.9	18.0	45.
25.9	73.0	7523.6	400.0	-19.3	-23.7	242.2	27.5	24.3	12.8	329.9	330.4	0.1	6.2	20.3	47.
27.5	76.6	8000.5	375.0	-22.8	-26.4	242.2	28.7	25.4	13.4	331.5	331.5	0.0	1.0	22.8	49.
29.2	80.3	8502.1	350.0	-26.9	-30.3	240.9	29.1	25.4	14.2	332.5	332.5	0.0	1.1	25.7	50.
31.0	84.3	9032.3	325.0	-31.0	-35.7	240.7	28.5	25.2	14.2	333.5	334.0	0.0	1.0	28.8	52.
32.9	89.3	9594.3	300.0	-35.7	-40.8	240.5	30.5	26.5	15.0	335.1	335.7	0.1	24.3	32.1	52.
34.7	92.7	10193.6	275.0	-40.4	-45.9	240.3	28.1	24.4	14.0	336.7	336.7	99.9	99.9	35.3	53.
36.7	97.2	10836.2	250.0	-45.4	-51.2	230.5	30.5	23.6	19.4	338.5	338.5	99.9	99.9	38.7	54.
38.9	102.0	11530.3	225.0	-51.2	-56.6	230.4	34.0	26.2	21.7	340.0	340.0	99.9	99.9	43.0	53.
41.5	107.3	12286.3	200.0	-56.6	-61.8	242.1	40.9	36.2	19.2	343.1	343.1	99.9	99.9	48.6	53.
44.5	113.0	13122.0	175.0	-61.8	-69.4	252.2	47.6	45.3	14.5	347.9	347.9	99.9	99.9	56.4	55.
47.8	119.3	14059.1	150.0	-69.4	-75.9	259.3	47.6	46.8	8.8	350.6	350.6	99.9	99.9	65.5	59.
51.4	126.3	15151.1	125.0	-67.5	-75.9	266.1	33.3	32.3	14.3	372.7	372.7	99.9	99.9	74.0	60.
55.8	134.3	16489.6	100.0	-68.4	-75.9	255.0	15.9	14.4	6.7	395.6	395.6	99.9	99.9	80.9	61.
61.4	143.7	18212.8	75.0	-69.6	-75.9	147.5	3.8	-3.1	4.9	427.0	427.0	99.9	99.9	82.6	61.
69.1	154.0	20703.2	50.0	-56.3	-75.9	99.9	99.9	99.9	99.9	510.9	510.9	99.9	99.9	81.8	60.
99.9	99.9	99.9	25.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 281
DEL RIO, TEXAS20 MAY 1979
2005 GMT

150 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GN/KG	RM PCT	RANGE KM	AZ DG
0.0	8.7	314.0	973.2	27.8	21.3	130.0	7.1	-5.5	4.6	303.3	347.9	16.7	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	10.8	527.3	950.0	24.6	20.5	119.3	8.0	-6.9	3.9	302.2	345.5	16.3	78.2	0.4	308.
1.6	13.2	761.1	925.0	22.1	19.8	126.6	8.3	-6.6	4.0	301.9	344.4	16.0	87.0	0.8	305.
2.6	15.6	999.7	900.0	20.9	17.5	135.3	6.4	-4.5	4.5	303.1	341.3	14.2	81.0	1.3	306.
3.5	18.0	1244.0	875.0	20.7	15.2	168.5	6.7	-1.3	4.5	305.2	339.2	12.5	70.6	1.5	310.
4.4	20.5	1494.5	850.0	18.7	14.4	182.3	18.0	0.4	10.0	305.2	339.2	12.2	75.8	1.9	322.
5.3	23.0	1751.1	825.0	18.4	11.7	176.8	12.9	-0.7	12.6	308.1	337.5	10.6	65.1	2.4	331.
6.2	25.6	2014.6	800.0	16.8	9.2	179.5	12.6	-0.1	12.6	309.0	334.8	9.2	60.8	3.1	337.
7.1	28.1	2252.4	775.0	16.5	6.3	183.8	9.5	0.6	9.5	311.5	333.0	7.8	50.9	3.7	341.
8.2	30.8	2523.7	750.0	14.0	5.8	198.7	7.6	2.4	7.2	311.8	334.0	7.7	57.5	4.1	344.
9.3	33.4	2848.9	725.0	11.4	4.6	207.8	7.5	3.5	6.6	312.0	333.2	7.4	62.9	4.5	348.
10.4	36.1	3141.6	700.0	9.4	4.3	202.5	8.1	3.1	7.5	312.9	334.5	7.5	70.4	4.9	352.
11.6	38.9	3442.5	675.0	6.6	4.5	201.1	8.5	3.1	8.0	313.0	335.7	7.9	86.3	5.4	355.
12.7	41.7	3751.8	650.0	4.3	2.1	204.8	9.3	3.9	8.5	313.9	333.9	6.9	85.2	6.0	358.
14.0	44.5	4070.7	625.0	2.0	0.3	210.0	10.8	5.4	9.4	314.7	333.2	6.3	88.8	6.7	1.
15.3	47.4	4399.6	600.0	-0.0	-0.9	214.4	13.6	7.7	11.2	316.1	333.9	6.0	93.7	7.5	5.
16.5	50.4	4740.2	575.0	-1.5	-6.0	219.9	16.3	11.6	14.1	318.3	331.4	4.3	71.6	8.4	9.
17.3	52.4	5095.5	550.0	-3.0	-12.3	222.4	18.8	14.7	16.1	320.4	329.2	2.8	49.3	9.3	12.
18.9	56.5	5459.7	525.0	-6.4	-17.1	231.0	17.0	14.8	8.2	320.7	326.9	1.9	42.3	10.3	16.
20.1	59.6	5838.9	500.0	-9.5	-22.5	237.2	18.7	15.7	10.1	321.5	325.6	1.3	33.8	11.5	23.
21.5	62.9	6232.6	475.0	-12.2	-30.9	232.5	19.0	15.0	11.5	322.9	325.1	0.6	20.1	12.8	27.
23.1	66.3	6643.9	450.0	-15.0	-22.2	228.3	20.4	15.4	13.7	324.3	329.1	1.4	54.5	14.6	29.
24.9	69.7	7074.3	425.0	-18.0	-22.5	232.1	22.3	17.6	13.7	325.9	330.8	1.5	68.0	16.6	32.
26.6	73.3	7525.2	400.0	-20.4	-22.9	233.4	28.7	23.0	17.1	328.5	328.5	0.0	1.0	19.1	35.
28.1	76.9	7999.4	375.0	-23.7	-25.1	236.3	32.2	26.8	17.9	330.2	330.3	0.0	1.0	21.8	37.
29.8	80.7	8499.3	350.0	-27.5	-27.5	236.3	36.0	30.0	20.0	331.7	331.7	0.0	1.0	25.0	40.
31.6	84.7	9059.1	325.0	-31.0	-31.0	236.3	39.7	33.0	22.0	333.4	335.1	0.3	38.2	28.9	42.
33.5	88.8	9593.5	300.0	-34.2	-39.0	231.3	38.7	30.2	24.2	337.2	336.8	0.4	61.1	33.4	44.
35.7	93.2	10197.2	275.0	-38.7	-44.3	225.3	39.7	28.2	27.9	339.2	340.2	0.3	54.5	38.6	46.
38.0	97.8	10843.9	250.0	-43.9	-49.9	227.2	41.2	30.2	28.0	340.6	339.9	99.9	99.9	43.9	48.
40.2	102.8	11541.7	225.0	-49.8	-55.7	234.8	44.1	36.0	25.3	342.3	339.9	99.9	99.9	49.6	45.
42.8	108.0	12301.7	200.0	-55.7	-59.9	245.5	47.4	43.3	19.7	344.6	339.9	99.9	99.9	56.4	47.
45.8	113.6	13139.8	175.0	-62.2	-62.2	254.5	44.8	43.1	12.0	347.4	339.9	99.9	99.9	64.2	50.
49.0	119.7	14092.4	150.0	-63.0	-63.0	240.8	33.1	29.6	16.5	351.6	339.9	99.9	99.9	71.1	52.
52.7	126.5	15194.8	125.0	-67.7	-67.7	245.1	38.1	34.7	16.1	372.8	339.9	99.9	99.9	79.7	53.
57.4	134.3	16540.8	100.0	-64.4	-64.4	230.7	18.16	14.2	11.7	403.8	339.9	99.9	99.9	87.8	55.
62.5	142.7	18261.3	75.0	-68.0	-68.0	227.4	8.7	7.7	-4.0	430.4	339.9	99.9	99.9	91.1	54.
70.3	152.5	20745.7	50.0	-60.2	-60.2	194.8	5.7	-5.5	1.4	501.7	339.9	99.9	99.9	90.0	54.
82.8	162.7	25200.0	25.0	-48.7	-48.7	77.4	6.1	-6.4	-1.4	604.5	339.9	99.9	99.9	86.8	52.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

20 MAY 1979
2305 GMT

159 12. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	314.0	971.5	26.8	21.6	120.0	6.2	-5.4	3.1	302.5	347.5	16.9	73.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	11.5	511.6	950.0	24.2	20.9	102.6	8.6	-8.4	1.9	301.7	345.9	16.6	82.0	0.4	291.
1.6	13.7	745.3	925.0	21.9	20.6	114.1	9.1	-8.3	3.7	301.8	346.4	16.8	92.2	0.9	287.
2.5	16.2	983.7	900.0	20.1	19.4	133.3	8.6	-6.2	5.9	302.3	344.8	16.0	95.2	1.3	293.
3.3	18.6	1227.3	875.0	18.6	17.8	149.1	9.4	-4.8	8.1	303.2	343.1	14.9	95.0	1.7	300.
4.0	21.1	1476.4	850.0	17.5	16.7	166.1	10.3	-2.5	10.0	304.5	343.1	14.3	95.2	2.1	307.
4.9	23.6	1732.0	825.0	15.6	14.7	174.9	11.0	-1.0	11.0	305.1	340.2	12.9	94.2	2.5	317.
5.7	26.1	1993.7	800.0	14.9	11.9	185.6	11.2	1.1	11.1	307.0	337.5	11.1	82.5	2.9	324.
6.8	29.6	2262.5	775.0	13.3	10.2	186.6	9.3	1.1	9.2	308.2	336.5	10.2	81.3	3.5	333.
9.0	31.2	2539.4	750.0	14.0	6.6	185.0	9.3	0.8	9.2	311.6	335.2	8.2	60.9	4.0	337.
9.1	33.8	2825.1	725.0	12.1	6.2	192.1	10.5	2.2	10.3	312.7	336.5	8.3	67.3	4.6	341.
10.4	36.4	3118.4	700.0	9.3	6.5	189.6	11.4	1.9	11.2	312.8	337.9	6.8	82.7	5.3	346.
11.5	39.1	3419.6	675.0	7.4	3.1	192.4	11.1	2.4	10.9	314.0	334.7	7.1	73.8	6.0	349.
12.8	41.9	3729.5	650.0	5.2	-1.3	203.9	11.5	4.7	10.5	314.9	330.9	5.4	62.9	6.8	352.
14.0	44.7	4048.7	625.0	2.5	-4.2	215.6	12.5	7.3	10.2	315.2	328.8	4.5	61.0	7.5	356.
15.4	47.5	4372.9	600.0	0.3	-8.8	222.6	13.2	9.0	9.7	316.5	326.6	3.3	50.2	8.3	2.
16.6	50.5	4717.7	575.0	-2.4	-6.4	215.9	14.6	8.6	11.9	317.2	329.8	4.1	74.0	9.1	6.
17.7	53.5	5065.4	550.0	-5.1	-9.0	216.3	17.2	10.2	13.8	318.0	328.8	3.5	74.2	10.0	8.
18.9	56.5	5433.4	525.0	-7.8	-11.2	231.7	17.5	13.7	13.8	319.0	330.9	3.9	95.6	11.2	12.
20.1	59.6	5811.4	500.0	-10.7	-13.5	231.8	20.5	16.1	12.7	320.0	330.1	3.2	96.1	12.3	16.
21.3	62.9	6204.5	475.0	-13.0	-13.5	233.5	22.7	18.2	13.5	321.8	330.8	2.8	96.0	13.6	20.
23.0	66.1	6611.9	450.0	-16.1	-16.1	233.9	22.4	23.0	16.7	320.5	320.5	0.0	1.0	15.7	25.
24.4	69.6	7038.4	425.0	-18.9	-18.9	243.2	22.2	25.7	13.8	324.7	324.8	0.0	1.0	18.0	29.
25.9	73.1	7488.5	400.0	-21.0	-21.0	243.2	30.4	27.2	13.7	327.8	327.8	0.0	1.0	20.2	34.
27.5	76.7	7961.9	375.0	-24.6	-24.6	243.7	32.8	29.4	14.5	329.1	329.2	0.0	1.0	22.8	37.
29.3	80.5	8460.6	350.0	-27.8	-27.8	242.8	34.8	31.0	15.9	331.3	333.2	0.5	48.1	26.0	41.
30.8	84.3	8990.5	325.0	-30.9	-30.9	237.1	33.0	26.3	19.9	334.1	335.9	0.5	54.2	29.2	43.
32.8	88.4	9552.9	300.0	-35.4	-35.4	230.8	30.2	23.4	19.1	335.4	336.6	0.3	48.3	32.8	43.
34.8	92.7	10153.9	275.0	-39.0	-39.0	234.1	37.1	30.1	21.7	338.8	339.6	0.2	44.3	36.5	44.
36.9	97.2	10802.2	250.0	-43.5	-43.5	236.6	44.9	37.4	24.7	341.2	341.2	99.9	999.9	41.7	46.
39.0	102.0	11502.4	225.0	-49.2	-49.2	237.9	49.7	42.1	26.4	343.1	343.1	99.9	999.9	47.6	47.
41.1	107.2	12263.6	200.0	-56.0	-56.0	241.2	52.0	45.5	25.0	344.0	344.0	99.9	999.9	53.7	49.
43.6	112.7	13058.8	175.0	-63.4	-63.4	245.3	47.4	43.4	19.1	345.3	345.3	99.9	999.9	61.4	51.
46.8	118.7	14037.4	150.0	-64.2	-64.2	241.0	43.4	38.0	21.0	359.0	359.0	99.9	999.9	69.5	52.
50.0	125.3	15162.7	125.0	-62.5	-62.5	254.1	34.5	33.5	9.6	381.5	381.5	99.9	999.9	77.4	54.
54.4	133.0	16509.7	100.0	-68.5	-68.5	251.3	13.5	12.8	4.3	395.4	395.4	99.9	999.9	83.3	55.
59.5	141.3	18215.3	75.0	-72.5	-72.5	271.5	5.1	5.6	-0.1	420.9	420.9	99.9	999.9	85.0	56.
66.9	151.3	20696.4	50.0	-57.8	-57.8	134.9	5.6	-4.1	4.1	507.4	507.4	99.9	999.9	84.7	55.
78.5	162.0	25148.1	25.0	-47.9	-47.9	999.9	99.9	99.9	99.9	647.0	647.0	99.9	999.9	81.4	54.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
 DEL RIO, TEXAS

 21 MAY 1979
 205 GMT

151 10. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.1	314.0	971.3	24.1	22.0	80.0	3.1	-3.1	-0.5	299.7	345.5	17.4	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	10.9	506.3	950.0	24.2	22.1	88.6	11.5	-11.4	-1.1	301.8	349.4	18.0	87.9	0.4	269.
1.5	13.1	743.1	925.0	22.1	21.0	93.3	13.0	-13.0	0.7	301.9	347.6	17.2	93.7	1.0	267.
2.5	15.3	981.6	900.0	20.4	18.6	115.2	14.6	-13.2	6.2	302.5	343.2	15.2	89.9	1.8	274.
3.3	17.5	1226.0	875.0	20.3	17.0	135.3	15.9	-11.2	11.3	304.9	343.2	14.2	81.6	2.4	284.
4.0	19.9	1476.5	850.0	18.3	16.9	141.2	16.7	-10.5	13.0	305.3	344.4	14.4	91.2	3.0	292.
4.7	22.1	1732.6	825.0	16.0	15.5	151.3	16.1	-7.7	13.1	305.5	342.4	13.6	97.0	3.6	297.
5.6	24.4	1994.4	800.0	14.2	13.4	162.1	15.6	-4.9	15.1	306.3	339.7	12.2	94.7	4.2	304.
6.5	26.7	2262.8	775.0	12.4	11.8	171.6	14.6	-2.1	14.5	307.2	338.5	11.3	96.0	5.0	311.
7.4	29.1	2538.2	750.0	10.9	10.1	191.7	11.4	2.3	11.2	308.5	337.5	10.4	94.3	5.5	317.
8.4	31.5	2822.2	725.0	11.8	3.7	207.8	11.5	4.8	10.4	312.4	332.4	6.9	57.2	5.8	323.
9.3	34.0	3118.8	700.0	9.7	-0.8	217.6	12.5	7.7	9.9	313.3	328.5	5.2	47.8	6.0	328.
10.4	36.5	3416.1	675.0	7.4	-1.6	231.6	14.3	11.2	8.9	313.5	328.9	5.0	52.8	6.3	336.
11.4	39.0	3725.3	650.0	4.8	-5.8	239.3	16.8	14.4	8.6	314.4	326.0	3.8	46.3	6.5	344.
12.7	41.6	4044.4	625.0	3.3	-16.1	247.3	19.0	17.5	7.3	316.2	321.8	1.7	22.6	6.9	356.
13.9	44.2	4373.6	600.0	0.6	-14.7	249.2	18.5	17.3	6.6	316.8	323.3	2.0	30.7	7.4	6.
15.2	46.9	4713.8	575.0	-1.5	-19.7	249.9	18.7	17.6	6.4	318.2	322.8	1.4	23.7	8.1	15.
16.3	49.7	5066.3	550.0	-3.8	-35.2	251.5	19.6	18.8	6.3	319.6	320.8	0.3	6.6	8.9	22.
17.4	52.4	5431.8	525.0	-6.1	-53.8	242.2	20.5	19.2	7.3	321.1	321.3	0.0	1.0	9.9	28.
18.6	55.3	5811.4	500.0	-5.0	-55.6	247.5	22.6	20.9	8.6	322.8	322.2	0.0	1.0	11.0	33.
19.8	58.3	6206.0	475.0	-12.2	-57.7	250.8	24.9	23.6	8.2	322.8	323.0	0.0	1.0	12.5	38.
21.3	61.4	6617.4	450.0	-14.3	-59.0	245.0	27.8	25.2	11.7	325.2	325.4	0.0	1.0	14.6	42.
22.9	64.5	7049.0	425.0	-16.7	-60.5	244.3	29.1	26.2	12.6	327.6	327.7	0.0	1.0	17.1	46.
24.5	67.7	7501.8	400.0	-19.8	-49.3	245.0	29.5	26.7	12.5	329.3	329.6	0.1	7.1	19.7	48.
25.8	71.0	7978.8	375.0	-24.1	-38.1	248.9	29.9	27.1	12.7	329.7	331.0	0.4	26.1	22.1	50.
27.4	74.4	8477.5	350.0	-26.8	-30.8	236.0	29.2	24.2	16.4	332.6	335.5	0.8	69.1	24.9	51.
29.2	78.0	9007.6	325.0	-31.0	-35.3	231.6	33.7	26.4	20.9	333.9	336.0	0.6	65.5	28.1	51.
31.2	81.7	9576.6	300.0	-34.9	-39.2	232.8	38.3	30.5	23.1	336.2	337.7	0.4	64.4	32.5	52.
33.0	85.7	10173.4	275.0	-38.5	-42.8	237.5	35.7	30.2	19.2	339.4	340.6	0.3	63.2	36.7	52.
34.8	89.8	10820.4	250.0	-44.2	-99.9	240.3	41.0	35.6	20.3	340.3	340.3	99.9	999.9	40.5	53.
36.4	94.0	11516.9	225.0	-50.5	99.9	244.0	46.5	41.8	20.4	341.1	341.1	99.9	999.9	44.7	53.
38.4	98.8	12275.5	200.0	-56.4	99.9	245.7	47.2	43.0	19.4	343.6	343.6	99.9	999.9	50.2	55.
40.6	103.8	13111.8	175.0	-62.3	99.9	243.1	40.8	36.4	18.5	347.1	347.1	99.9	999.9	56.0	56.
42.8	109.3	14054.3	150.0	-66.1	99.9	245.7	34.6	31.0	14.0	356.3	356.3	99.9	999.9	60.8	57.
45.5	115.2	15141.6	125.0	-71.6	99.9	242.2	35.8	31.7	16.7	365.4	365.4	99.9	999.9	66.3	57.
49.2	122.0	16461.7	100.0	-67.2	99.9	244.7	18.9	17.1	8.1	398.0	398.0	99.9	999.9	73.6	58.
53.7	133.0	18176.4	75.0	-68.0	99.9	244.3	7.2	6.6	3.2	430.3	430.3	99.9	999.9	79.9	58.
60.9	140.0	20656.6	50.0	-61.9	99.9	307.1	8.4	6.7	-5.1	497.8	497.8	99.9	999.9	76.1	58.
72.9	151.5	25066.1	25.0	-51.4	99.9	109.2	8.5	-8.0	2.8	637.0	637.0	99.9	999.9	70.9	56.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

21 MAY 1979
505 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	314.0	972.6	24.7	21.2	60.0	5.1	-4.4	-2.5	300.2	344.0	16.6	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	11.6	521.2	550.0	23.7	21.6	104.1	11.7	-11.3	2.9	301.3	347.2	17.4	87.8	0.4	273.
1.7	14.0	754.7	925.0	22.8	19.3	122.9	12.8	-10.8	7.0	302.6	343.9	15.5	80.9	1.1	285.
2.4	16.4	993.8	900.0	21.0	18.2	137.6	14.0	-9.4	10.3	303.1	342.9	14.8	84.3	1.6	294.
3.4	18.9	1237.7	875.0	19.1	18.0	151.8	12.9	-6.1	11.4	303.6	344.0	15.0	83.3	2.3	304.
4.2	21.4	1487.1	850.0	17.2	16.7	164.6	12.9	-3.4	12.4	304.2	342.6	14.3	97.0	2.9	311.
5.1	23.9	1742.1	825.0	15.4	14.8	181.6	12.1	0.3	12.1	304.8	340.2	13.0	96.7	3.4	319.
5.9	26.4	2003.9	800.0	14.2	13.5	192.8	12.8	2.8	12.4	306.3	339.9	12.3	95.6	3.9	326.
6.9	29.0	2271.3	775.0	11.6	8.8	206.2	12.0	5.3	10.7	306.3	332.0	9.2	82.7	4.3	333.
7.8	31.7	2547.4	750.0	13.7	-0.3	211.3	10.1	5.3	8.6	311.4	326.2	5.0	38.4	4.7	340.
8.7	34.3	2832.3	725.0	11.9	-1.3	229.1	9.1	6.8	5.9	312.5	326.7	4.8	39.9	5.0	345.
9.6	37.0	3125.1	700.0	9.8	-1.3	248.0	11.4	10.2	5.0	313.3	326.0	5.0	46.0	5.1	350.
10.3	39.8	3426.1	675.0	7.6	-1.7	246.6	10.0	14.7	6.4	314.2	329.1	5.0	51.6	5.3	356.
11.2	42.6	3736.3	650.0	5.2	-4.4	250.8	19.6	18.5	6.5	314.5	327.7	4.3	49.8	5.6	5.
12.1	45.4	4055.2	625.0	2.6	-8.9	254.4	20.3	19.5	5.4	315.4	325.0	3.1	42.5	6.2	16.
17.5	49.3	4384.2	600.0	0.2	-10.0	254.3	20.6	19.8	5.6	316.4	325.6	3.0	46.1	7.2	27.
14.8	51.3	4723.7	575.0	-2.5	-18.2	258.6	18.4	19.7	5.4	317.1	322.2	1.6	28.5	8.4	35.
16.2	54.3	5075.0	550.0	-4.7	-15.6	253.7	18.3	18.0	5.3	318.5	321.2	0.2	3.9	11.0	46.
17.5	57.4	5439.7	525.0	-6.6	-44.5	253.6	18.3	17.6	5.2	320.5	321.2	0.2	43.2	9.7	41.
19.9	61.6	5818.5	500.0	-9.5	-32.5	250.0	18.0	17.9	6.5	321.5	323.3	0.5	14.0	12.4	49.
23.4	63.9	6213.2	475.0	-11.2	-14.9	240.0	19.1	16.6	9.6	324.1	332.2	2.5	74.1	14.0	51.
22.1	67.1	6628.9	450.0	-13.5	-54.1	237.9	22.2	18.8	11.8	326.3	326.8	0.1	5.0	15.9	52.
23.6	70.6	7059.8	425.0	-16.1	-52.9	238.1	22.7	22.7	13.6	328.4	328.8	0.1	4.2	18.2	52.
25.2	74.1	7513.6	400.0	-19.2	-62.1	239.7	25.1	21.7	12.7	330.1	330.2	0.0	1.0	20.7	53.
26.7	77.9	7990.2	375.0	-23.1	-64.6	236.9	28.8	20.8	13.6	331.1	331.1	0.0	1.0	22.8	54.
29.3	81.7	8492.0	350.0	-27.0	-67.2	235.5	28.7	20.8	14.3	332.4	332.5	0.0	1.0	25.3	54.
29.9	85.7	9022.0	325.0	-31.1	-69.9	234.0	28.4	20.5	14.9	333.8	333.8	0.0	1.0	27.8	54.
31.6	89.8	9583.2	300.0	-36.3	-73.3	232.6	31.2	24.8	18.9	334.3	334.3	0.0	1.0	30.5	54.
33.5	94.2	10181.1	275.0	-40.9	-99.9	233.8	33.9	27.4	20.0	336.0	336.0	99.9	99.9	34.3	54.
35.9	98.8	10823.1	250.0	-46.1	-99.9	241.5	35.7	31.4	17.0	337.5	337.5	99.9	99.9	39.4	54.
38.4	103.8	11514.8	225.0	-51.6	-99.9	247.8	36.2	33.6	13.7	339.5	339.5	99.9	99.9	44.5	56.
41.2	109.0	12274.4	200.0	-55.4	-99.9	252.2	41.0	39.0	12.6	345.0	345.0	99.9	99.9	50.8	57.
44.1	114.8	13115.2	175.0	-61.1	-99.9	258.9	35.2	33.7	10.4	349.1	349.1	99.9	99.9	57.7	59.
47.2	121.0	14055.8	150.0	-66.2	-99.9	251.5	33.3	31.5	10.6	356.0	356.0	99.9	99.9	63.5	60.
50.0	126.0	15150.8	125.0	-70.3	-99.9	251.5	33.9	35.0	11.7	367.7	367.7	99.9	99.9	69.1	62.
53.6	136.0	16482.7	100.0	-64.6	-99.9	247.5	18.0	16.0	6.9	402.8	402.8	99.9	99.9	75.8	62.
58.2	145.0	18204.9	75.0	-67.5	-99.9	297.3	6.3	5.6	-2.9	431.5	431.5	99.9	99.9	78.0	62.
65.3	155.3	20692.9	50.0	-61.1	-99.9	87.8	5.4	-5.4	-0.2	499.5	499.5	99.9	99.9	76.7	63.
77.2	165.5	25124.4	25.0	-50.7	-99.9	99.5	12.2	-12.1	2.0	639.1	639.1	99.9	99.9	71.8	60.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

21 MAY 1979
805 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'T DG K	E POT 'T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	314.0	972.5	23.1	20.2	100.0	5.1	-5.0	0.9	298.6	339.6	15.6	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	11.3	518.6	950.0	21.5	21.2	101.3	9.2	-9.1	1.8	299.0	343.4	17.0	98.3	0.3	275.
1.4	13.6	780.3	925.0	19.7	19.7	120.9	9.9	-8.5	5.1	299.5	341.1	15.8	99.8	0.7	282.
2.2	15.9	987.3	900.0	19.3	19.0	147.0	9.6	-5.2	8.1	301.4	342.8	15.6	97.7	1.2	294.
3.1	18.4	1230.1	875.0	17.5	17.3	178.9	9.0	-0.2	9.0	302.0	340.4	14.4	98.9	1.6	308.
4.0	20.8	1478.7	850.0	17.8	16.9	207.3	9.5	4.3	8.4	304.0	342.9	14.4	98.8	1.8	323.
4.9	23.3	1734.0	825.0	15.5	15.3	218.0	11.0	6.8	8.7	305.0	341.5	13.4	99.1	2.0	338.
6.1	25.7	1995.7	800.0	14.4	14.2	222.2	12.3	8.3	9.1	306.5	341.7	12.9	99.0	2.5	355.
7.0	28.2	2264.3	775.0	13.1	12.9	219.0	12.2	7.7	9.5	307.9	341.7	12.2	98.8	3.0	4.
7.8	30.8	2540.2	750.0	11.1	11.0	214.3	12.1	6.8	10.0	308.7	339.6	11.1	99.2	3.5	10.
8.8	33.4	2823.7	725.0	9.7	9.5	200.1	13.1	4.5	12.3	310.1	339.3	10.4	99.2	4.2	13.
9.6	36.0	3114.6	700.0	7.6	6.1	188.5	13.3	2.0	13.2	311.0	335.2	8.5	90.1	4.8	13.
10.4	38.8	3415.0	675.0	7.2	1.2	189.4	14.8	2.4	14.3	313.7	331.9	6.2	65.6	5.5	12.
11.3	41.5	3724.8	650.0	4.8	2.7	196.5	15.8	4.5	15.1	314.4	335.2	7.2	86.2	6.3	12.
12.0	44.3	4033.7	625.0	1.8	1.3	204.3	16.8	6.9	15.3	314.5	338.2	6.8	96.5	7.0	13.
12.7	47.1	4372.6	600.0	0.1	-0.0	213.2	17.0	9.3	14.2	316.3	335.2	6.4	99.0	7.7	14.
13.6	50.0	4711.8	575.0	-3.1	-3.2	216.7	18.3	10.9	14.7	316.3	332.1	5.3	99.5	8.6	17.
14.2	53.0	5064.4	550.0	-3.9	-4.0	223.1	18.5	12.7	13.5	319.5	335.2	5.2	99.4	9.2	18.
14.9	56.0	5430.9	525.0	-6.0	-6.1	239.2	18.7	18.1	9.6	321.2	339.4	4.6	99.1	9.8	20.
15.8	59.1	5812.1	500.0	-8.5	-8.9	253.4	20.6	19.7	5.9	322.7	339.9	3.9	97.2	10.7	25.
16.9	62.3	6208.0	475.0	-12.0	-13.3	261.8	21.6	21.4	3.1	323.1	332.3	2.9	89.8	11.5	31.
18.3	65.6	6620.7	450.0	-14.1	-16.5	256.9	23.4	22.8	5.3	325.6	333.2	2.3	81.8	12.8	37.
20.3	69.0	7051.3	425.0	-18.2	-21.5	244.3	27.6	24.9	12.0	325.6	325.7	0.0	1.0	15.3	43.
22.7	72.4	7499.0	400.0	-22.5	-24.3	241.5	31.6	27.7	13.9	325.6	325.8	0.0	1.0	19.5	47.
25.2	76.0	7970.1	375.0	-25.4	-26.2	241.5	31.2	27.4	14.8	327.9	328.0	0.0	1.0	23.9	50.
27.3	79.7	8468.9	350.0	-27.6	-27.6	241.7	32.7	28.8	15.5	331.5	331.5	0.0	1.0	27.8	52.
28.8	83.7	8997.6	325.0	-31.6	-30.2	246.6	33.9	31.1	13.5	333.2	333.2	0.0	1.0	30.8	53.
30.5	87.7	9558.6	300.0	-36.4	-33.4	248.7	35.2	32.8	12.8	334.1	334.1	0.0	1.0	34.3	55.
32.8	92.0	10155.5	275.0	-41.0	-39.9	251.8	36.0	34.2	11.2	335.2	335.9	99.9	99.9	38.9	56.
35.1	96.4	10795.6	250.0	-46.7	-43.4	259.1	36.7	36.1	6.9	336.6	336.6	99.9	99.9	43.8	59.
37.0	101.2	11486.7	225.0	-51.9	-49.9	267.3	33.8	33.7	1.6	339.0	339.0	99.9	99.9	47.4	61.
39.3	106.3	12238.6	200.0	-58.1	-55.9	263.2	36.2	36.1	4.3	340.8	340.8	99.9	99.9	51.5	63.
42.3	111.8	13069.9	175.0	-63.7	-61.7	252.3	45.8	43.6	13.9	344.9	344.9	99.9	99.9	58.9	65.
46.0	117.7	14011.0	150.0	-64.9	-64.9	247.4	43.0	35.7	16.5	358.4	358.4	99.9	99.9	69.0	65.
49.5	124.3	15124.2	125.0	-65.8	-65.8	244.0	36.6	32.9	16.1	379.9	379.9	99.9	99.9	77.8	65.
53.6	131.7	16483.2	100.0	-67.3	-67.3	267.4	15.7	15.7	0.7	397.7	397.7	99.9	99.9	84.4	65.
59.0	137.7	18199.8	75.0	-69.4	-69.4	313.0	5.2	3.8	-3.5	427.5	427.5	99.9	99.9	86.1	67.
66.7	148.7	20677.8	50.0	-69.3	-69.3	110.7	5.7	-5.3	2.0	503.6	503.6	99.9	99.9	84.3	66.
73.0	159.0	23079.5	25.0	-52.5	-59.9	115.1	10.7	-9.7	4.5	633.6	633.6	99.9	99.9	78.6	64.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

21 MAY 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GRM	PRES MB	TEMP DEG C	DRN PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.0	314.0	971.4	21.1	20.1	100.0	4.1	-4.0	0.7	296.7	337.0	15.5	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	11.0	507.4	950.0	20.5	19.7	114.1	10.7	-9.7	4.4	298.0	338.5	15.5	95.7	0.3	290.
1.4	13.4	738.4	925.0	19.6	18.5	130.7	18.1	-7.7	6.6	299.4	338.1	14.7	93.4	0.9	295.
2.2	15.6	975.3	900.0	19.2	18.4	161.9	7.6	-2.4	7.4	301.3	341.3	15.3	95.3	1.3	305.
3.0	18.3	1218.4	875.0	18.5	17.7	195.6	8.6	2.2	7.7	303.1	342.7	14.6	94.8	1.6	315.
3.9	20.8	1467.8	850.0	17.7	16.0	215.7	9.4	5.7	7.9	304.7	341.6	13.6	89.5	1.7	330.
4.8	23.3	1724.5	825.0	19.0	13.3	222.1	10.5	7.1	7.8	308.7	341.4	11.8	69.7	2.0	346.
5.8	25.8	1989.2	800.0	17.8	11.8	232.9	10.5	8.4	6.3	310.1	340.9	11.0	67.9	2.4	358.
6.9	28.4	2260.5	775.0	15.4	10.9	244.2	11.2	10.1	4.9	310.3	340.2	10.6	74.5	2.8	12.
7.8	31.0	2538.3	750.0	13.3	10.7	244.0	10.5	9.5	4.6	311.0	341.7	10.9	84.6	3.2	21.
8.8	33.7	2823.1	725.0	10.3	9.5	242.6	10.4	9.2	4.8	310.8	339.9	10.4	94.5	3.7	27.
9.6	36.4	3115.0	700.0	8.2	7.7	246.8	9.7	8.9	3.8	311.6	338.5	9.5	96.6	4.1	31.
10.3	39.1	3415.7	675.0	6.9	6.4	247.7	9.8	9.0	3.7	313.4	339.2	9.0	96.4	4.4	34.
10.9	41.9	3725.4	650.0	4.2	3.6	242.9	9.2	8.2	4.2	313.7	335.9	7.7	96.4	4.7	37.
11.6	44.8	4042.8	625.0	-1.0	-2.9	226.8	8.8	6.4	6.1	311.4	326.0	5.0	86.8	5.1	38.
12.6	47.8	4369.0	600.0	-1.2	-6.7	216.0	13.2	7.8	10.7	314.7	327.1	4.1	70.6	5.6	38.
13.0	50.8	4708.1	575.0	-2.4	-2.4	220.2	16.3	10.5	12.4	317.2	333.9	5.6	99.6	6.0	38.
13.4	53.8	5060.0	550.0	-5.1	-5.1	224.7	18.5	13.0	13.2	318.0	332.4	4.8	100.8	6.5	38.
13.9	56.9	5425.0	525.0	-9.0	-17.1	225.6	20.1	14.3	14.0	317.6	324.1	2.0	53.2	7.0	39.
14.5	60.1	5799.0	500.0	-10.2	-13.1	225.0	20.9	14.8	14.8	320.6	329.4	2.8	79.8	7.8	40.
15.3	63.4	6192.6	475.0	-13.5	-15.4	228.9	20.9	15.8	13.7	321.2	329.0	2.5	85.8	8.8	40.
17.2	66.7	6599.8	450.0	-19.1	-62.1	236.3	24.5	20.3	13.6	319.2	319.3	0.0	1.0	11.2	43.
18.0	73.1	7022.9	425.0	-21.7	-63.8	237.6	27.1	22.9	14.5	321.2	321.2	0.0	1.0	13.9	46.
20.9	73.7	7467.8	400.0	-23.5	-64.9	236.0	29.4	23.3	16.4	324.4	324.5	0.0	1.0	17.0	48.
22.6	77.4	7937.0	375.0	-26.4	-66.8	234.8	31.6	25.8	18.2	326.6	326.7	0.0	1.0	20.2	49.
24.5	81.3	8432.4	350.0	-29.5	-68.8	234.7	32.7	26.9	19.0	329.0	329.0	0.0	1.0	23.8	50.
26.4	85.3	8958.8	325.0	-31.9	-70.4	234.0	34.7	28.1	20.4	332.7	332.7	0.0	1.0	27.8	51.
28.4	89.7	9519.4	300.0	-38.1	-73.2	237.5	34.2	28.8	18.4	334.4	334.5	0.0	1.0	32.0	51.
30.4	94.0	10116.4	275.0	-41.4	99.9	240.9	32.1	28.2	15.7	335.3	339.9	99.9	999.9	35.9	52.
33.0	98.8	10757.0	250.0	-46.1	99.9	242.8	32.5	28.9	14.9	337.6	339.9	99.9	999.9	40.7	53.
35.7	103.8	11451.5	225.0	-49.5	99.9	249.8	36.3	34.6	12.7	342.7	339.9	99.9	999.9	46.1	55.
38.6	109.0	12215.3	200.0	-54.5	99.9	255.1	41.1	39.7	10.6	346.4	339.9	99.9	999.9	52.8	57.
41.5	115.0	13059.4	175.0	-59.9	99.9	254.0	38.2	37.7	10.5	351.0	339.9	99.9	999.9	59.5	59.
45.1	121.3	14008.4	150.0	-65.5	99.9	252.4	33.2	31.6	10.1	357.3	339.9	99.9	999.9	67.2	61.
48.9	123.3	15116.7	125.0	-66.5	99.9	248.5	33.2	30.8	12.2	374.6	339.9	99.9	999.9	74.4	62.
51.6	136.3	16472.8	100.0	-63.3	99.9	277.5	15.3	15.3	-2.0	405.4	339.9	99.9	999.9	81.5	63.
59.0	145.7	18195.3	75.0	-78.9	99.9	265.5	4.9	4.9	0.4	424.3	339.9	99.9	999.9	83.2	63.
67.3	153.7	20687.4	50.0	-60.3	99.9	289.2	5.8	5.5	-1.9	501.4	339.9	99.9	999.9	81.9	63.
79.7	165.7	25130.6	25.0	-50.3	99.9	77.4	6.7	-6.5	-1.4	640.4	339.9	99.9	999.9	79.0	61.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* 9Y TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS20 MAY 1979
1100 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	873.0	910.6	20.6	16.2	180.0	5.1	0.0	5.1	301.7	336.3	12.9	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.5	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	16.7	974.6	900.0	20.2	16.3	191.4	14.0	2.6	13.7	302.4	337.5	13.1	78.0	0.3	8.
1.1	19.2	1218.2	875.0	19.8	14.1	204.3	11.6	4.8	10.6	304.4	336.1	11.7	69.5	0.8	11.
2.0	21.7	1468.9	850.0	20.4	11.1	223.5	10.4	7.4	7.0	307.5	334.8	9.8	55.2	1.3	23.
2.8	24.3	1726.4	825.0	18.9	10.2	226.6	12.2	8.9	8.4	308.5	335.3	9.6	57.2	1.8	30.
3.7	26.9	1989.9	800.0	16.9	7.9	226.4	13.7	9.9	9.4	309.2	333.0	8.4	55.2	2.4	35.
4.5	29.5	2260.3	775.0	15.3	6.1	227.3	12.9	9.5	8.8	310.3	332.1	7.6	54.0	3.2	37.
5.4	32.1	2537.5	750.0	13.5	3.4	220.5	11.8	7.7	9.0	311.2	330.1	6.6	50.5	3.8	39.
6.4	34.8	2822.2	725.0	11.7	1.2	222.4	9.9	6.7	7.3	312.3	329.2	5.8	48.7	4.5	39.
7.5	37.6	3115.0	700.0	9.7	-0.9	230.1	9.8	7.5	6.3	313.2	328.4	5.2	47.8	5.0	40.
8.4	40.3	3415.9	675.0	7.5	-2.7	233.2	11.5	9.2	6.9	314.0	327.9	4.7	48.5	5.7	41.
9.4	43.1	3725.3	650.0	4.6	-4.9	237.1	12.1	10.2	6.6	314.2	326.5	4.1	49.8	6.4	43.
10.5	46.0	4043.9	625.0	2.5	-6.5	239.8	12.3	10.3	7.0	315.4	326.8	3.8	51.1	7.1	44.
11.5	49.0	4372.4	600.0	-0.2	-8.2	230.3	11.1	8.7	7.2	315.9	326.4	3.4	54.6	7.8	45.
12.6	52.0	4713.0	575.0	-0.7	-12.3	224.6	10.1	7.1	7.2	319.2	327.3	2.6	40.9	8.5	45.
13.7	55.1	5066.2	550.0	-3.7	-16.6	227.1	9.5	7.0	6.5	319.7	325.7	1.9	36.0	9.2	45.
15.0	58.3	5431.7	525.0	-6.8	-20.8	234.1	11.8	9.6	7.0	320.2	324.9	1.4	31.7	9.9	46.
16.2	61.4	5810.2	500.0	-10.1	-26.3	234.0	13.1	10.6	7.7	320.6	323.8	0.9	25.7	10.9	46.
17.5	64.7	6203.3	475.0	-13.3	-21.9	229.1	13.3	10.5	9.1	321.6	326.3	1.4	50.5	11.9	47.
18.8	68.1	6612.5	450.0	-16.5	-45.3	227.4	16.5	12.1	11.1	322.8	323.4	0.2	10.3	13.1	47.
20.1	71.6	7035.8	425.0	-19.2	-40.2	225.3	19.2	13.7	13.5	324.4	325.7	0.4	19.4	14.5	47.
21.6	75.1	7488.4	400.0	-21.9	-60.2	225.9	21.4	15.4	14.9	326.5	326.6	0.0	1.6	16.2	47.
23.0	78.9	7961.4	375.0	-24.4	-58.4	225.6	24.3	17.3	17.0	329.3	329.5	0.0	2.6	18.3	47.
24.6	82.9	8460.2	350.0	-26.4	-51.1	221.3	23.8	17.7	17.9	330.5	330.9	0.1	9.7	20.5	48.
26.2	86.8	8987.4	325.0	-31.9	-38.6	221.7	24.8	18.5	18.5	332.7	334.3	0.4	52.9	22.9	48.
28.2	91.0	9548.9	300.0	-35.9	-45.7	230.6	28.0	21.6	17.0	334.8	335.6	0.2	35.1	26.0	48.
30.2	95.4	10147.5	275.0	-41.0	99.9	231.3	32.7	25.6	20.5	335.8	999.9	99.9	999.9	29.5	48.
32.4	100.2	10787.5	250.0	-46.7	99.9	232.6	34.0	27.0	20.6	336.7	999.9	99.9	999.9	33.9	47.
34.4	105.0	11478.3	225.0	-51.8	99.9	235.6	39.4	32.5	22.3	339.2	999.9	99.9	999.9	38.2	48.
36.8	110.5	12233.2	200.0	-57.2	99.9	242.7	41.8	37.2	19.2	342.2	999.9	99.9	999.9	44.1	50.
39.8	116.4	13069.3	175.0	-62.1	99.9	243.9	45.9	41.2	20.2	347.4	999.9	99.9	999.9	52.0	52.
42.6	122.7	14012.1	150.0	-66.6	99.9	245.4	38.0	34.6	15.9	355.3	999.9	99.9	999.9	58.8	53.
45.7	129.7	15111.9	125.0	-65.6	99.9	237.3	34.6	29.2	18.7	376.2	999.9	99.9	999.9	65.1	54.
49.5	135.0	16467.1	100.0	-65.3	99.9	271.5	17.1	17.0	-0.4	401.2	999.9	99.9	999.9	70.7	55.
54.3	147.0	18210.3	75.0	-64.9	99.9	203.9	9.3	3.7	8.5	436.8	999.9	99.9	999.9	73.0	55.
60.9	157.0	20726.2	50.0	-57.7	99.9	134.8	10.2	-7.2	7.2	507.5	999.9	99.9	999.9	73.5	55.
71.9	167.5	25193.2	25.0	-51.3	99.9	999.9	99.9	99.9	99.9	637.3	999.9	99.9	999.9	71.1	53.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 288
MIDLAND, TEXAS

20 MAY 1979
1405 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	14.2	873.0	912.6	21.1	16.7	190.0	7.2	1.3	7.1	302.1	337.6	13.3	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	15.4	993.6	900.0	20.0	15.6	999.9	99.9	99.9	99.9	302.1	335.6	12.6	76.1	999.9	999.9
1.4	17.8	1236.5	875.0	18.9	13.2	999.9	99.9	99.9	99.9	303.4	333.2	11.0	69.4	999.9	999.9
2.5	20.2	1465.3	850.0	16.9	11.8	999.9	99.9	99.9	99.9	303.9	332.1	10.3	71.7	1.7	35.
3.5	22.7	1739.9	825.0	15.7	8.8	254.3	10.6	10.2	2.9	305.2	329.2	8.7	63.5	2.2	42.
4.5	25.2	2000.9	800.0	14.2	6.6	258.5	12.9	12.6	2.6	306.3	327.8	7.7	59.9	2.8	51.
5.3	27.7	2268.9	775.0	13.1	5.1	250.2	12.6	11.9	4.3	308.0	328.2	7.2	58.2	3.5	56.
6.4	30.2	2544.3	750.0	11.9	3.5	245.6	8.8	8.0	3.6	309.5	328.4	6.6	56.3	4.1	58.
7.5	32.9	2827.9	725.0	10.6	1.7	227.1	7.8	5.6	5.2	311.1	328.4	6.0	54.0	4.6	58.
8.6	35.5	3119.6	700.0	8.6	-0.0	213.0	7.5	4.1	6.3	312.0	328.0	5.5	54.6	5.0	56.
9.8	38.2	3419.7	675.0	6.8	-1.8	197.9	8.8	2.7	8.4	313.3	328.0	5.0	54.2	5.6	53.
11.1	40.9	3729.1	650.0	5.0	-3.1	192.3	10.2	2.2	10.0	314.6	328.6	4.7	56.0	6.2	48.
12.6	43.8	4048.4	625.0	3.4	-8.9	208.4	9.1	4.3	8.0	316.3	328.0	3.1	40.3	6.9	45.
14.3	46.6	4378.3	600.0	1.2	-13.2	230.2	7.8	6.0	5.0	317.5	324.7	2.3	33.3	7.7	44.
15.5	49.6	4718.9	575.0	-1.8	-14.4	244.3	8.5	7.7	3.7	317.5	324.7	2.2	37.4	8.3	45.
16.6	52.5	5070.6	550.0	-5.1	-12.8	250.7	7.8	7.2	2.5	318.1	326.3	2.6	54.6	8.8	47.
17.8	55.6	5433.8	525.0	-8.8	-13.1	241.2	8.8	7.0	3.8	317.4	326.1	2.7	71.2	9.3	48.
19.4	58.8	5809.5	500.0	-12.4	-13.7	237.6	9.8	8.3	5.2	318.0	326.3	2.7	90.0	10.1	49.
20.9	62.0	6200.1	475.0	-14.5	-14.6	248.6	12.7	11.9	4.7	320.0	328.2	2.6	99.0	11.1	50.
22.6	65.3	6608.5	450.0	-16.9	-18.3	255.1	13.6	13.1	3.5	322.0	328.5	2.0	89.2	12.4	53.
23.9	68.6	7035.4	425.0	-19.9	-21.1	255.9	12.7	11.6	2.9	323.5	328.9	1.7	89.7	13.3	54.
25.2	71.1	7482.8	400.0	-22.8	-23.4	245.0	11.5	10.2	4.8	325.4	330.2	1.4	94.3	14.2	55.
26.9	75.8	7953.9	375.0	-25.8	-26.3	230.5	16.2	12.5	10.3	326.6	332.6	1.2	88.6	15.4	55.
28.5	79.6	8453.3	350.0	-28.1	-30.9	225.8	24.8	17.8	17.3	330.9	333.8	0.8	76.7	17.5	54.
30.3	83.5	8984.9	325.0	-32.5	-36.4	220.8	26.4	17.2	20.0	331.9	333.8	0.5	67.8	20.1	53.
32.1	87.5	9538.7	300.0	-37.1	-42.9	215.9	30.4	17.6	24.6	333.1	334.1	0.3	54.3	23.0	51.
34.2	91.8	10134.4	275.0	-42.2	-49.9	218.5	35.4	22.2	27.8	334.1	999.9	99.9	999.9	27.1	49.
36.8	96.4	10773.4	250.0	-46.6	-51.7	224.3	38.7	27.0	27.7	336.2	999.9	99.9	999.9	33.0	47.
39.8	101.2	11463.9	225.0	-51.7	-51.7	229.5	41.0	31.2	26.6	339.3	999.9	99.9	999.9	40.0	47.
42.7	106.4	12218.6	200.0	-56.8	-56.8	235.0	43.1	35.3	24.7	342.9	999.9	99.9	999.9	47.3	48.
45.7	112.0	13058.5	175.0	-60.6	-60.6	242.9	44.5	37.7	20.3	349.9	999.9	99.9	999.9	55.3	50.
49.5	118.0	14009.9	150.0	-63.4	-63.4	243.1	33.3	22.7	15.1	360.2	999.9	99.9	999.9	64.5	52.
53.9	124.7	15131.4	125.0	-64.6	-64.6	235.2	26.6	21.9	15.2	378.1	999.9	99.9	999.9	71.6	52.
59.1	132.5	16490.0	100.0	-65.6	-65.6	240.7	14.4	12.9	7.2	400.9	999.9	99.9	999.9	78.7	53.
65.5	141.0	18244.6	75.0	-66.3	-66.3	246.8	5.9	5.5	2.3	434.8	999.9	99.9	999.9	82.0	53.
74.8	151.0	20767.6	50.0	-66.6	-66.6	159.5	4.5	-1.6	4.3	510.5	999.9	99.9	999.9	82.0	53.
89.6	161.5	25250.9	25.0	-68.0	-68.0	90.1	8.4	-8.4	0.0	646.5	999.9	99.9	999.9	78.8	50.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
 MIDLAND, TEXAS

 20 MAY 1979
 1705 GMT

159 8. 0

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DS C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	NX RTO GR/KG	RH PCT	RANGE KM	AZ DG
0.0	14.9	373.0	712.3	25.1	12.9	193.0	3.1	0.5	3.1	307.2	335.9	10.3	14.0	0.0	0.0
99.9	99.9	99.9	1200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
0.5	16.1	592.6	920.0	24.9	12.2	236.8	5.0	7.3	5.2	307.2	335.0	10.0	45.1	0.2	9.0
1.6	18.6	1239.1	875.0	22.8	11.3	225.0	6.9	4.9	4.9	307.5	334.4	9.7	48.3	0.7	49.0
2.7	21.1	1450.8	850.0	20.4	11.0	210.1	6.8	3.4	5.9	307.5	334.7	9.7	54.6	1.1	43.0
3.7	23.7	1747.8	825.0	18.1	8.9	208.6	9.2	3.8	8.4	307.5	332.3	8.7	54.8	1.5	38.0
4.5	26.2	2011.7	800.0	16.2	6.8	205.3	12.9	5.5	11.7	308.4	330.5	7.8	53.7	2.0	34.0
5.3	28.8	2280.2	775.0	14.4	5.4	202.1	11.9	4.5	11.0	309.3	330.0	7.3	54.6	2.7	33.0
6.3	31.4	2557.7	750.0	12.7	4.1	198.1	9.8	1.4	9.7	310.3	330.1	6.9	56.0	3.2	29.0
7.2	34.1	2830.6	725.0	10.5	3.1	191.4	9.5	0.2	9.5	311.0	330.1	6.6	60.3	3.8	26.0
8.4	36.9	3101.5	700.0	8.0	1.9	179.3	9.1	-0.1	9.1	311.2	329.6	6.3	65.6	4.3	22.0
9.4	39.7	3371.3	675.0	5.5	2.2	177.6	10.8	-0.4	10.8	311.2	331.2	6.7	79.4	4.9	19.0
10.6	42.5	3739.3	650.0	3.1	1.7	175.9	12.7	-0.9	12.7	312.5	331.9	6.7	90.2	5.6	16.0
11.8	45.4	4056.4	625.0	1.0	-1.2	181.9	13.3	0.5	13.3	313.6	330.1	5.6	84.8	6.5	13.0
12.9	48.4	4384.7	600.0	-0.2	-5.7	202.5	14.9	5.7	13.8	315.9	328.7	4.2	67.4	7.5	13.0
14.2	51.4	4724.9	575.0	-1.7	-11.3	222.2	15.4	10.4	11.4	318.0	326.8	2.8	47.9	8.5	16.0
15.5	54.5	5076.9	550.0	-4.7	-13.6	230.4	13.6	10.5	8.7	318.5	326.2	2.4	50.0	9.6	19.0
16.8	57.6	5441.1	525.0	-7.6	-15.9	223.8	18.6	12.4	13.0	319.3	326.0	2.1	51.0	10.5	22.0
18.1	60.9	5819.3	500.0	-10.1	-32.7	226.0	21.1	15.2	14.7	320.7	322.4	0.5	14.2	12.2	25.0
19.5	64.1	6212.6	475.0	-12.6	-41.6	217.5	22.0	16.2	14.8	322.3	323.1	0.2	6.7	13.8	29.0
20.9	67.5	6623.2	450.0	-15.2	-49.4	219.7	22.0	14.5	17.5	324.2	324.5	0.1	3.6	15.6	30.0
22.6	71.0	7052.2	425.0	-18.5	-57.3	215.0	23.7	13.3	19.0	325.3	325.4	0.0	1.8	17.8	31.0
24.2	74.6	7501.7	400.0	-21.8	-63.3	212.2	25.1	13.4	21.2	326.7	331.6	1.5	87.3	20.2	31.0
25.9	79.3	7973.9	375.0	-25.1	-69.9	212.3	27.3	14.6	23.1	328.4	329.0	0.1	11.0	22.9	31.0
27.8	82.2	8471.6	350.0	-28.7	-74.4	215.2	28.2	16.3	23.1	330.1	330.6	0.1	11.4	26.0	32.0
30.1	85.2	8998.9	325.0	-31.6	-81.6	214.1	30.4	17.3	25.6	333.1	333.5	0.1	11.7	30.1	32.0
32.6	90.5	9560.4	300.0	-35.0	-85.3	216.7	31.7	19.0	25.4	334.7	335.0	0.1	11.6	34.8	32.0
35.3	94.8	10159.2	275.0	-40.4	-99.9	219.4	33.4	21.2	25.8	336.2	999.9	99.9	99.9	45.3	34.0
37.8	99.4	10801.5	250.0	-45.5	99.9	221.8	36.5	24.3	27.2	338.2	999.9	99.9	99.9	51.2	35.0
40.6	104.5	11493.3	225.0	-50.7	99.9	226.2	39.2	28.3	27.1	340.2	999.9	99.9	99.9	58.5	37.0
43.5	109.8	12254.8	200.0	-55.2	99.9	230.6	45.5	35.2	28.9	345.4	999.9	99.9	99.9	68.0	39.0
47.0	115.6	13099.5	175.0	-60.2	99.9	237.0	48.1*	40.3	28.2	350.6	999.9	99.9	99.9	77.3	42.0
50.9	122.0	14047.7	150.0	-65.2	99.9	236.9	38.1*	31.5	28.8	357.6	999.9	99.9	99.9	86.0	43.0
55.0	129.7	15161.1	125.0	-63.0	99.9	239.4	34.4*	29.6	17.5	380.2	999.9	99.9	99.9	94.7	45.0
59.2	136.7	16334.5	100.0	-63.6	99.9	250.9	20.1*	19.0	6.6	405.0	999.9	99.9	99.9	97.6	46.0
63.5	145.5	18313.4	75.0	-65.8	99.9	230.5	6.6*	5.1	4.2	434.5	999.9	99.9	99.9	98.3	46.0
79.4	155.5	20831.7	50.0	-59.4	99.9	115.3	5.6	-5.0	2.4	503.5	999.9	99.9	99.9	97.5	43.0
88.9	165.7	25324.4	25.0	-47.0	99.9	151.2	7.1	-3.4	6.3	649.9	999.9	99.9	99.9	97.5	43.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 265
MIDLAND, TEXAS20 MAY 1979
2005 GMT

TIME MIN	CNTCT	HEIGHT GRN	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI 1 DEG K	E POT 1 DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	13.0	873.0	908.6	32.2	10.3	140.0	6.2	-4.0	4.7	313.8	338.9	8.7	28.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	14.5	958.2	900.0	30.1	7.9	212.7	6.4	3.5	5.4	312.4	334.1	7.5	25.0	0.5	330.
0.9	16.7	1207.7	875.0	26.2	7.1	189.2	7.6	1.2	7.5	311.0	331.9	7.3	29.7	0.6	343.
1.6	18.9	1461.7	850.0	23.7	7.7	163.3	9.4	-1.7	9.2	311.0	333.3	7.8	35.9	1.0	346.
2.1	21.2	1721.5	825.0	21.4	7.1	163.1	9.1	-2.6	8.7	311.2	333.3	7.7	39.6	1.3	346.
2.6	23.4	1987.1	800.0	18.9	7.0	159.2	8.8	-3.1	8.3	311.3	333.8	7.9	45.9	1.6	345.
3.0	25.7	2258.8	775.0	16.2	6.3	157.0	9.3	-3.6	8.5	311.2	333.5	7.8	52.1	1.8	344.
3.5	28.0	2536.7	750.0	13.6	5.5	153.4	9.6	-4.3	8.6	311.4	333.1	7.6	57.8	2.1	343.
4.0	30.4	2921.5	725.0	10.8	5.4	152.7	9.6	-4.4	8.5	311.3	333.7	7.8	60.9	2.3	342.
4.5	32.8	3113.2	700.0	7.9	4.8	158.8	10.3	-3.7	9.6	311.3	333.5	7.8	80.9	2.6	341.
5.2	35.2	3412.4	675.0	5.3	1.3	177.5	10.5	-0.5	10.9	311.4	329.8	6.3	75.2	3.1	342.
6.3	37.7	3720.8	650.0	4.0	-4.3	203.1	12.6	5.0	11.6	313.5	326.3	4.3	54.8	3.7	347.
7.3	40.2	4038.4	625.0	1.2	-5.7	209.8	14.6	7.4	12.0	313.8	325.8	4.0	60.1	4.4	355.
8.4	42.8	4365.6	600.0	-1.5	-8.0	198.0	16.0	4.9	15.2	314.4	325.0	3.5	61.2	5.3	360.
9.4	45.4	4703.5	575.0	-3.6	-18.2	203.6	20.2	8.1	16.6	315.8	321.5	1.8	35.3	6.3	3.
10.2	48.1	5033.6	550.0	-5.4	-26.3	203.3	28.8	9.4	20.8	317.7	320.4	0.8	17.4	7.4	7.
11.3	50.9	5416.5	525.0	-8.2	-34.1	203.4	23.6	10.1	21.3	318.6	320.0	0.4	10.2	8.7	9.
12.3	53.8	5793.0	500.0	-11.3	-43.7	207.6	25.2	11.7	22.3	319.2	319.8	0.2	5.0	10.2	12.
13.4	56.6	6185.0	475.0	-12.9	-55.2	209.5	28.8	13.2	23.3	322.0	322.2	0.0	1.6	11.9	15.
14.8	59.6	6555.6	450.0	-15.1	-61.4	210.4	28.7	14.6	24.8	324.3	324.4	0.0	1.0	14.2	17.
16.1	62.6	7025.1	425.0	-18.1	-61.4	210.3	31.4	18.6	25.3	325.2	325.8	0.0	1.0	16.4	19.
17.7	65.8	7475.4	400.0	-21.1	-63.3	221.8	34.6	23.1	25.8	327.6	327.7	0.0	1.0	19.3	22.
19.1	69.0	7948.2	375.0	-24.7	-64.1	223.1	41.2	28.1	30.1	329.0	329.1	0.0	1.2	22.3	25.
20.7	72.3	8448.4	350.0	-27.2	-64.0	227.9	42.1	31.2	28.2	332.2	332.2	0.0	1.6	26.2	28.
22.6	75.9	8577.3	325.0	-31.5	-61.7	232.7	38.4	30.6	23.3	333.7	333.3	0.0	3.3	30.5	32.
24.6	79.6	9537.9	300.0	-36.7	-63.9	227.6	48.1	35.7	32.4	333.2	333.8	0.0	4.0	35.2	34.
26.8	83.3	10135.3	275.0	-40.9	99.9	231.2	45.1	35.7	28.7	336.0	999.9	99.9	999.9	41.2	36.
29.0	87.3	10777.0	250.0	-45.6	99.9	236.2	45.6	37.9	25.3	338.3	999.9	99.9	999.9	46.9	39.
31.1	91.7	11470.1	225.0	-51.1	99.9	231.0	40.1	31.3	25.3	340.1	999.9	99.9	999.9	52.7	40.
33.5	96.2	12228.2	200.0	-55.1	99.9	228.4	55.6	42.2	36.2	345.2	999.9	99.9	999.9	58.7	41.
36.1	101.2	13069.9	175.0	-60.9	99.9	230.3	55.6	40.5	33.6	349.4	999.9	99.9	999.9	67.7	42.
39.2	106.5	14020.9	150.0	-61.7	99.9	235.0	39.0	31.9	22.4	363.8	599.9	59.9	999.9	75.8	43.
42.6	112.5	15154.7	125.0	-61.3	99.9	256.1	24.5	24.5	6.1	384.1	999.9	99.9	999.9	81.9	45.
46.9	119.2	16536.3	100.0	-63.8	99.9	239.9	18.1	13.9	8.1	404.5	999.9	99.9	999.9	85.7	46.
52.0	127.0	18281.4	75.0	-69.7	99.9	186.3	4.6	0.5	4.6	426.8	999.9	99.9	999.9	85.9	46.
59.6	136.7	20789.3	50.0	-57.6	99.9	142.2	5.1	-3.1	4.3	507.2	999.9	99.9	999.9	88.1	46.
71.8	143.5	25265.3	25.0	-48.2	99.9	149.9	5.5	-2.8	4.8	646.3	999.9	99.9	999.9	87.0	44.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NJ. 265
 MIDLAND, TEXAS

 20 MAY 1979
 2314 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES ME	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	SI 465. 0 RANGE AZ KM DG
0.0	14.7	673.2	906.2	18.3	15.0	245.0	8.2	7.4	3.5	299.6	331.4	11.9	81.0	0.0 0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
0.4	15.4	951.2	900.0	19.7	11.7	260.0	10.2	10.0	1.8	301.8	328.3	9.8	61.4	0.3 94.
1.5	17.7	1105.1	875.0	21.5	9.3	248.9	12.0	10.9	5.1	306.1	329.7	8.5	45.9	0.9 82.
2.5	20.0	144.5	850.0	19.7	8.2	225.9	15.5	11.6	10.9	306.7	329.4	8.1	47.6	1.7 69.
3.6	22.4	1961.2	825.0	17.1	5.3	212.6	19.5	10.5	16.4	306.9	326.0	6.8	45.5	2.8 57.
6.8	27.3	2731.9	775.0	14.8	4.1	204.3	16.0	6.6	14.5	306.9	327.8	6.5	48.8	4.7 43.
8.5	32.4	2502.4	750.0	11.3	3.6	221.8	16.4	11.0	12.0	308.4	330.1	7.5	57.6	6.0 41.
9.3	35.1	2789.7	725.0	8.6	2.5	223.0	22.2	15.1	16.2	308.4	327.1	6.6	59.0	6.8 41.
10.0	37.8	3377.5	700.0	6.6	1.0	225.3	23.0	16.4	16.2	309.6	326.9	5.9	67.4	7.8 41.
10.8	40.7	3584.0	675.0	4.3	0.3	223.3	22.4	15.4	17.1	310.5	327.4	5.8	74.9	8.9 41.
13.1	46.5	3999.7	625.0	-0.2	-1.0	217.5	22.8	13.9	18.1	312.2	328.9	6.2	92.6	10.9 42.
15.1	49.5	4326.5	600.0	-1.5	-2.3	215.9	25.2	14.8	20.4	314.3	330.3	5.7	94.1	12.2 42.
17.0	52.6	5015.1	575.0	-3.9	-4.8	217.1	25.4	15.3	20.2	315.4	329.4	5.4	94.6	14.0 41.
18.8	55.9	5380.5	525.0	-4.9	-5.8	212.4	22.9	12.3	19.4	316.3	332.0	4.7	94.0	17.2 40.
21.0	59.1	5761.1	500.0	-6.5	-7.3	206.9	22.5	10.2	20.1	320.7	333.7	4.5	93.9	20.0 40.
22.8	62.6	6158.5	475.0	-8.1	-9.0	99.9	99.9	99.9	99.9	324.1	335.2	4.2	93.8	22.3 38.
99.9	99.9	99.9	450.0	-10.6	-11.6	99.9	99.9	99.9	99.9	324.6	335.4	3.9	93.4	25.3 37.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION 43. 285
MIDLAND, TEXAS

21 MAY 1979
221 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	14.6	873.0	909.9	19.4	16.1	30.0	7.2	-5.5	-4.6	300.6	334.6	12.8	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	15.5	960.0	900.0	21.4	12.0	99.9	99.9	99.9	99.9	303.6	331.1	10.1	56.1	999.9	999.9
1.3	17.9	1242.8	875.0	22.1	8.4	99.9	99.9	99.9	99.9	306.2	329.1	8.0	41.4	999.9	999.9
2.1	20.4	1463.9	850.0	20.4	5.5	99.9	99.9	99.9	99.9	307.5	326.5	6.7	37.9	999.9	999.9
3.1	22.8	1721.2	825.0	19.1	4.1	215.0	8.9	5.1	7.3	308.8	326.6	6.3	37.1	1.2	31.
3.9	25.3	1984.6	800.0	16.7	3.4	211.1	9.3	4.8	7.9	309.0	326.7	6.2	41.1	1.6	32.
4.7	27.8	2254.0	775.0	14.4	2.4	205.3	10.8	4.6	9.8	309.3	326.3	5.9	44.1	2.1	31.
5.8	30.4	2530.0	750.0	11.9	5.0	211.5	18.7	5.6	9.1	309.5	330.4	7.3	62.8	2.8	30.
6.8	33.0	2813.1	725.0	9.4	5.6	220.6	10.4	6.8	7.9	309.6	332.3	7.9	77.2	3.5	31.
8.0	35.6	3103.8	700.0	7.2	3.7	225.9	10.5	7.5	7.3	310.5	331.1	7.2	78.4	4.2	33.
9.1	38.3	3402.5	675.0	4.9	1.2	237.0	10.3	8.6	5.6	311.1	329.1	6.2	76.8	4.9	36.
10.3	41.0	3709.5	650.0	2.5	-0.3	244.3	10.3	9.3	4.5	311.8	328.7	5.8	81.6	5.5	39.
11.3	43.8	4026.0	625.0	0.2	-3.5	248.0	11.6	10.6	4.4	312.7	326.7	4.7	76.3	6.1	42.
12.6	46.7	4352.6	600.0	-1.6	-8.9	246.4	15.2	13.9	6.0	314.3	324.2	3.3	57.3	7.0	45.
13.5	49.6	4690.2	575.0	-4.3	-10.9	244.4	16.4	14.8	7.1	315.0	323.9	2.9	59.9	7.9	48.
14.7	52.6	5039.8	550.0	-5.5	-12.3	243.9	18.3	16.5	8.1	317.6	321.4	1.2	25.1	9.1	50.
15.9	55.5	5403.6	525.0	-7.3	-17.5	244.0	20.5	18.5	9.0	319.7	320.8	0.3	7.8	10.5	52.
17.2	58.6	5781.4	500.0	-10.2	-19.2	242.6	20.5	18.2	9.4	320.6	320.9	0.1	2.4	12.1	53.
18.7	61.9	6173.9	475.0	-13.3	-21.8	237.9	20.1	17.1	10.7	321.5	321.0	0.1	2.2	13.8	54.
20.0	65.1	6582.5	450.0	-17.1	-25.1	236.2	21.2	17.6	11.8	321.6	321.0	0.1	3.0	15.4	55.
21.3	68.6	7009.0	425.0	-20.2	-28.0	231.9	16.0	13.2	10.4	323.1	323.8	0.2	9.8	16.9	55.
22.8	72.0	7455.0	400.0	-23.7	-30.3	228.3	21.3	13.8	16.2	324.1	325.3	0.3	22.0	18.5	56.
24.4	75.7	7924.9	375.0	-25.9	-30.0	216.4	25.3	15.7	19.8	327.4	330.3	0.8	68.2	20.9	52.
26.2	79.4	8420.9	350.0	-29.7	-38.0	227.5	27.1	20.0	22.5	331.9	333.4	0.4	44.5	23.4	51.
28.5	83.3	8945.9	325.0	-32.5	-38.2	218.2	28.6	17.7	22.5	331.9	333.4	0.4	56.3	27.7	50.
30.5	87.5	9505.6	300.0	-36.6	-43.3	216.3	30.5	18.0	24.6	333.7	334.8	0.3	49.6	30.6	48.
32.5	91.8	10102.9	275.0	-40.8	-49.9	215.4	31.2	18.1	25.4	336.1	334.8	99.9	999.9	34.8	47.
34.6	96.4	10746.9	250.0	-44.8	-55.9	219.9	40.6	26.0	31.1	339.4	339.9	99.9	999.9	39.0	46.
36.6	101.2	11443.1	225.0	-50.2	-59.9	226.2	37.9	27.4	26.3	341.6	339.9	99.9	999.9	44.1	46.
39.2	106.4	12201.7	200.0	-56.0	-60.5	229.1	35.6	26.9	23.3	344.2	339.9	99.9	999.9	49.5	46.
42.0	112.2	13043.7	175.0	-60.5	-60.5	227.5	34.3	25.2	23.2	350.0	339.9	99.9	999.9	55.5	46.
44.9	118.5	13990.7	150.0	-63.6	-60.5	226.9	35.8	27.0	23.5	360.5	339.9	99.9	999.9	61.9	46.
48.3	125.5	15126.4	125.0	-69.6	-60.5	236.9	25.1	21.2	13.0	367.1	339.9	99.9	999.9	68.7	47.
52.3	133.7	16490.6	100.0	-65.6	-60.5	232.9	13.3	10.6	6.0	401.0	339.9	99.9	999.9	72.2	47.
57.8	143.0	18236.6	75.0	-65.9	-60.5	231.4	8.9	8.7	-1.8	434.9	339.9	99.9	999.9	75.2	48.
65.8	153.5	20751.6	50.0	-59.5	-60.5	223.6	6.9	-5.8	3.8	503.3	339.9	99.9	999.9	75.3	48.
80.0	164.7	25214.6	25.0	-51.2	-60.5	231.3	6.7	-5.1	4.4	637.9	339.9	99.9	999.9	70.7	46.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
 MIDLAND, TEXAS

 21 MAY 1979
 023 GMT

105 157. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MY RYD SM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.4	873.0	910.9	18.9	17.7	310.0	3.1	2.4	-2.0	300.0	337.3	14.2	93.0	0.3	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	16.5	977.0	903.0	19.4	15.8	301.1	2.2	1.9	-1.1	301.2	335.4	12.7	79.8	3.3	148.
1.1	18.9	1215.9	875.0	18.7	13.4	245.8	1.6	1.5	0.7	303.2	333.4	11.1	71.1	3.3	142.
2.0	21.4	1468.7	893.0	17.0	12.8	195.9	4.4	1.2	4.2	303.5	334.1	11.1	76.6	3.3	117.
2.9	23.9	1723.2	825.0	14.8	14.6	186.6	8.5	1.3	8.6	304.3	339.1	12.8	98.7	0.4	54.
4.0	25.4	1984.1	800.0	13.4	12.0	186.5	10.5	1.2	10.4	305.2	336.1	11.2	91.5	1.0	21.
5.2	29.0	2251.7	775.0	12.1	11.0	196.2	9.2	2.6	8.8	306.8	336.5	10.7	93.0	1.7	17.
6.3	31.7	2525.6	753.0	11.0	6.7	206.5	7.1	5.2	6.3	308.6	332.0	8.3	75.2	2.3	17.
7.3	34.3	2809.5	725.0	9.4	3.7	214.6	5.6	3.2	4.6	309.8	329.6	6.9	67.4	2.6	20.
8.2	37.0	3100.0	700.0	7.7	-1.0	220.2	4.4	2.8	3.3	311.0	325.9	5.1	53.9	2.9	21.
9.1	39.7	3398.9	675.0	5.2	-3.0	225.0	3.7	2.6	2.6	311.2	325.0	4.6	55.2	3.1	23.
10.0	42.6	3705.8	650.0	2.4	-5.1	223.7	3.4	2.4	2.5	311.7	323.7	4.0	57.9	3.3	24.
10.8	45.4	4021.5	625.0	-0.4	-5.4	219.4	5.5	3.5	4.3	312.0	324.2	4.1	68.7	3.4	25.
11.5	48.3	4345.9	600.0	-3.1	-5.6	218.6	8.9	5.6	7.0	312.5	325.1	4.2	83.5	3.7	26.
12.3	51.3	4682.6	575.0	-5.8	-5.5	216.2	12.8	7.6	10.4	313.2	325.4	4.1	94.7	4.3	27.
13.2	54.4	5029.1	550.0	-9.4	-10.4	214.8	17.0	9.7	14.0	312.9	322.5	3.1	92.4	5.1	29.
14.3	57.4	5387.4	525.0	-11.6	-17.9	215.1	21.4	12.3	17.5	314.5	320.1	1.8	59.3	6.3	30.
15.4	60.6	5760.7	500.0	-11.8	-27.4	213.4	25.0	13.8	20.8	318.7	318.8	0.0	1.0	8.0	31.
16.8	63.9	6152.2	475.0	-13.8	-35.7	211.7	28.9	15.3	22.1	320.5	321.0	0.0	1.0	10.0	31.
18.0	67.3	6566.7	450.0	-17.0	-43.7	210.2	28.0	16.6	22.6	321.9	322.0	0.0	1.0	12.0	32.
19.1	70.7	6987.0	425.0	-20.0	-52.6	215.5	28.1	16.5	23.2	323.4	323.5	0.0	1.0	13.9	33.
20.2	74.3	7433.2	400.0	-23.6	-65.0	217.1	29.5	17.8	23.5	324.3	324.4	0.0	1.0	15.9	33.
21.4	78.0	7901.6	375.0	-27.2	-77.3	221.7	27.8	18.8	20.4	325.6	325.7	0.0	1.0	17.9	34.
22.6	81.8	8395.6	350.0	-30.4	-89.4	222.2	39.9	26.1	28.1	327.8	327.8	0.0	1.0	20.1	35.
24.2	85.8	8926.0	325.0	-32.5	-99.9	234.4	31.1	25.9	16.5	331.9	333.3	0.4	51.8	23.6	37.
26.3	90.0	9470.0	300.0	-36.5	-104.3	227.8	38.3	28.4	25.8	333.9	334.2	0.1	13.7	27.4	39.
27.9	94.3	10074.5	275.0	-41.7	-99.9	220.0	39.1	25.7	30.6	334.6	334.6	99.9	99.9	31.4	40.
29.6	99.0	10715.6	250.0	-46.6	-99.9	221.4	35.1	23.2	26.3	336.8	336.8	99.9	99.9	35.1	40.
31.5	103.3	11408.8	225.0	-50.3	-99.9	220.5	47.5	30.8	36.1	341.4	341.4	99.9	99.9	39.8	40.
33.9	109.0	12169.8	200.0	-54.9	-99.9	217.6	45.0	29.9	38.8	345.8	345.8	99.9	99.9	45.9	40.
37.5	114.7	13015.9	175.0	-56.7	-99.9	99.9	99.9	99.9	99.9	356.3	356.3	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

21 MAY 1979
065 GMT

152 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	14.0	873.0	909.0	18.3	15.6	70.0	3.1	-2.9	-1.1	299.4	332.3	12.3	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	14.9	967.3	900.0	19.1	16.3	999.9	99.9	99.9	99.9	301.2	336.2	13.1	83.8	999.9	999.9
1.1	17.3	1209.8	875.0	17.4	16.0	999.9	99.9	99.9	99.9	301.2	336.2	13.1	83.8	999.9	999.9
2.1	19.7	1458.0	850.0	16.1	15.2	999.9	99.9	99.9	99.9	303.0	337.9	12.9	94.5	0.2	350.
2.9	22.2	1712.0	825.0	14.4	11.2	226.1	5.2	3.8	3.6	303.6	331.7	10.2	81.3	0.5	23.
3.7	24.6	1971.9	800.0	12.7	8.9	282.6	2.2	2.1	-0.5	304.7	329.7	9.0	77.6	0.6	31.
4.6	27.1	2238.5	775.0	11.6	7.7	354.4	3.4	0.3	-3.4	306.3	330.3	8.6	77.1	0.5	39.
5.7	29.7	2512.8	750.0	10.4	3.5	359.0	3.3	0.1	-3.3	307.8	326.6	6.6	62.6	0.4	65.
6.7	32.2	2794.5	725.0	8.2	2.8	334.2	1.4	0.6	-1.3	308.2	327.1	6.5	68.8	0.4	83.
7.8	34.9	3083.8	700.0	6.5	3.6	105.8	2.0	-2.0	0.6	309.7	330.0	7.1	82.1	0.2	78.
9.7	40.2	3688.8	650.0	2.6	-5.4	228.0	4.6	3.6	3.2	311.9	323.7	3.9	55.2	0.4	46.
10.8	43.0	4004.6	625.0	-0.4	-8.1	242.6	9.6	8.5	4.4	312.8	322.1	3.3	56.0	0.9	54.
11.9	45.9	4330.0	600.0	-3.3	-9.7	247.8	13.9	12.8	5.2	312.3	321.5	3.0	61.0	1.6	60.
13.0	48.8	4665.3	575.0	-6.1	-11.4	243.8	18.0	16.2	8.0	312.9	321.3	2.8	65.7	2.7	63.
14.2	51.7	5012.2	550.0	-8.7	-13.6	235.9	23.9	19.8	13.4	313.6	321.4	2.4	67.4	4.1	62.
15.2	54.8	5372.0	525.0	-9.7	-33.9	233.7	27.3	22.0	16.2	316.6	318.2	0.4	11.8	5.8	60.
16.0	57.8	5746.9	500.0	-12.1	-57.4	230.2	27.1	20.8	17.3	318.3	318.4	0.0	1.0	7.1	58.
17.1	61.0	6137.2	475.0	-14.2	-59.0	224.1	28.0	19.5	20.1	320.3	320.5	0.0	1.0	8.8	56.
18.4	64.3	6545.6	450.0	-16.8	-60.6	221.3	30.0	19.8	22.6	322.2	322.3	0.0	1.0	11.0	53.
19.7	67.6	6971.4	425.0	-20.8	-63.2	218.9	32.1	20.2	25.0	322.3	322.4	0.0	1.0	13.5	51.
20.9	71.1	7416.1	400.0	-24.3	-65.4	219.5	33.4	21.2	25.8	323.4	323.5	0.0	1.0	15.8	49.
22.2	74.7	7882.7	375.0	-28.8	-68.2	216.8	32.9	19.7	26.4	323.6	323.6	0.4	43.0	18.4	48.
23.8	78.4	8378.0	350.0	-32.3	-71.7	213.3	34.6	19.7	31.8	330.6	333.8	0.9	87.9	21.4	45.
25.1	82.3	8905.3	325.0	-36.6	-75.3	204.9	35.6	15.1	32.5	332.1	334.4	0.6	81.2	23.9	43.
26.5	86.3	9465.1	300.0	-40.3	-79.3	204.9	35.6	15.1	36.4	333.7	335.3	0.4	76.3	26.7	41.
29.4	90.5	10063.4	275.0	-44.7	-83.3	203.1	35.6	15.6	36.4	336.2	336.9	99.9	999.9	30.9	38.
31.5	95.0	10706.5	250.0	-49.7	-87.3	202.9	43.7	17.0	40.3	339.6	339.9	99.9	999.9	38.3	35.
33.8	99.9	11400.9	225.0	-51.6	-91.9	210.3	44.6	22.5	38.5	339.4	339.9	99.9	999.9	44.4	34.
36.1	104.9	12155.1	200.0	-57.0	-99.9	222.3	46.1	31.0	34.1	342.8	342.8	99.9	999.9	50.7	34.
38.6	110.5	12989.2	175.0	-62.7	-99.9	232.5	43.8	34.8	26.7	346.5	346.5	99.9	999.9	57.1	36.
42.0	116.5	13944.0	150.0	-68.6	-99.9	246.8	34.6	31.9	13.6	365.7	365.9	99.9	999.9	64.7	39.
44.9	123.2	15082.2	125.0	-61.2	-99.9	241.5	22.7	19.9	10.8	364.3	364.3	99.9	999.9	69.5	41.
49.4	133.7	16462.5	100.0	-63.1	-99.9	247.0	12.9	11.6	5.0	405.8	405.8	99.9	999.9	73.5	42.
54.5	139.5	18210.1	75.0	-64.7	-99.9	314.9	19.3	13.7	-13.6	437.2	437.2	99.9	999.9	75.1	43.
62.6	149.5	20721.8	50.0	-59.2	-99.9	90.4	8.6	-6.6	0.0	504.1	504.1	99.9	999.9	73.1	42.
77.7	160.0	25168.1	25.0	-51.0	-99.9	999.9	99.9	99.9	99.9	638.0	638.0	99.9	999.9	70.4	38.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
 MIDLAND, TEXAS

 21 MAY 1979
 1100 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	873.0	911.6	17.2	15.8	50.0	6.2	-4.7	-4.0	298.1	330.7	12.3	90.0	145	11. 0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.0
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	15.0	982.7	900.0	17.2	16.0	53.9	7.2	-5.8	-4.3	299.3	333.4	12.9	92.8	0.2	233.
1.3	17.3	1223.8	875.0	16.2	15.8	58.6	4.5	-3.7	-2.5	300.6	335.4	13.1	97.6	0.5	235.
2.3	19.5	1471.7	850.0	16.7	13.4	336.3	1.4	0.7	-1.7	303.7	335.0	11.5	81.0	0.7	233.
3.2	21.7	1726.5	825.0	15.8	11.1	260.3	2.6	2.6	0.4	305.2	333.2	10.1	73.2	0.6	227.
4.1	24.1	1987.5	800.0	13.6	10.5	257.8	2.0	2.8	0.6	305.7	333.4	10.1	81.5	0.5	218.
5.3	26.5	2255.0	775.0	11.7	10.2	272.4	1.9	1.9	-0.1	306.4	334.5	10.1	90.1	0.4	197.
6.3	28.8	2529.4	750.0	5.8	9.0	312.3	0.9	0.6	-0.7	307.2	334.2	9.7	94.7	0.4	187.
7.3	31.3	2811.0	725.0	6.3	5.2	308.7	2.7	2.3	-1.4	308.6	330.4	7.7	80.8	0.4	178.
8.4	33.7	3101.0	700.0	7.2	1.6	282.6	4.4	4.3	-1.0	310.2	328.3	6.2	67.6	0.5	153.
9.4	36.2	3395.1	675.0	4.4	0.0	274.3	5.4	5.4	-0.4	310.5	327.1	5.7	73.3	0.8	135.
10.4	38.7	3705.4	650.0	1.6	-2.7	267.9	6.7	6.7	0.2	310.7	325.0	4.9	73.4	1.0	121.
11.4	41.3	4020.4	625.0	-0.9	-5.4	256.5	9.1	9.6	2.3	311.4	323.6	4.1	71.3	1.5	109.
12.5	43.9	4345.0	600.0	-3.1	-11.0	238.9	15.3	12.8	7.7	312.6	321.0	2.8	54.5	2.1	96.
13.6	46.7	4681.4	575.0	-4.2	-17.2	225.2	21.3	15.2	15.7	315.0	320.7	1.8	37.1	3.1	78.
14.6	49.3	5030.1	550.0	-7.5	-11.6	217.3	24.1	14.7	19.4	315.2	324.0	2.9	72.1	4.4	66.
15.8	52.0	5390.4	525.0	-10.1	-43.1	213.0	20.7	11.3	17.4	316.3	316.9	0.2	4.7	5.8	58.
17.1	54.9	5765.8	500.0	-11.2	-57.0	211.2	20.4	10.6	17.5	316.4	319.6	0.0	1.0	7.2	52.
19.4	57.8	6157.8	475.0	-13.2	-68.3	208.4	21.3	10.1	18.7	321.7	321.8	0.0	1.0	6.8	48.
19.8	60.9	6567.3	450.0	-16.3	-60.2	205.1	21.9	10.3	19.3	322.6	322.9	0.0	1.0	10.5	45.
21.3	63.9	6954.5	425.0	-19.6	-62.4	203.8	21.1	8.7	19.6	323.8	323.9	0.0	1.0	12.4	42.
23.1	67.1	7441.0	400.0	-23.7	-65.1	202.5	21.3	8.1	19.7	324.2	324.2	0.0	1.0	14.5	39.
24.7	70.4	7908.6	375.0	-28.0	-67.8	203.9	22.0	8.9	20.1	324.6	324.6	0.0	1.0	16.5	37.
26.3	73.9	8398.6	350.0	-31.4	-70.1	205.8	23.6	10.6	21.0	326.4	326.5	0.0	1.0	18.7	36.
29.1	77.4	8928.2	325.0	-34.8	-72.4	212.4	27.4	14.7	23.2	328.7	328.7	0.0	1.0	21.4	35.
29.9	81.1	9478.2	300.0	-36.4	-73.4	218.6	24.3	14.8	19.9	334.1	334.1	0.0	1.0	24.2	35.
31.9	85.0	10070.3	275.0	-39.3	-75.9	215.8	27.0	14.0	22.7	338.3	338.3	99.9	99.9	27.2	35.
34.1	99.2	10724.4	250.0	-44.1	-79.9	218.7	29.6	18.5	23.1	340.4	340.4	99.9	99.9	30.9	35.
36.1	93.6	11423.4	225.0	-48.8	-79.9	222.9	33.1	22.5	24.2	343.7	343.7	99.9	99.9	34.7	36.
38.2	98.2	12190.5	200.0	-53.6	-79.9	226.8	31.3	21.3	23.0	347.9	347.9	99.9	99.9	38.8	36.
41.0	103.4	13035.2	175.0	-60.2	-79.9	226.0	31.7	22.8	22.1	350.6	350.6	99.9	99.9	43.7	37.
44.6	108.8	13991.2	150.0	-60.5	-79.9	235.7	36.9	30.5	20.7	365.8	365.8	99.9	99.9	51.5	40.
48.2	114.7	15137.3	125.0	-66.7	-79.9	245.3	23.1	21.0	9.7	392.4	392.4	99.9	99.9	57.9	42.
52.5	121.7	16540.9	100.0	-61.4	-79.9	285.7	10.0	9.6	-2.7	409.2	409.2	99.9	99.9	60.8	44.
58.3	130.0	18307.0	75.0	-65.2	-79.9	202.3	5.0	1.9	4.6	436.2	436.2	99.9	99.9	59.9	45.
65.7	139.5	20830.5	50.0	-56.1	-79.9	165.2	4.3	-1.1	4.2	511.3	511.3	99.9	99.9	59.9	46.
77.2	151.0	25320.4	25.0	-46.5	-79.9	75.0	6.8	-6.6	-1.8	631.1	631.1	99.9	99.9	57.0	41.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION N2. 270
EL PASO, TEXAS20 MAY 1979
1105 GMT

144 22. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT. T DEG K	E POT. T DEG K	MX RTS GM/KG	RM PCT	RANGE KM	AZ DG
0.0	17.7	1193.0	877.3	15.1	-11.3	210.0	2.1	1.0	1.8	299.3	304.7	1.8	15.0	8.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
0.1	17.9	1215.3	875.0	16.4	2.0	999.9	99.9	99.9	99.9	300.9	317.2	5.9	42.6	999.9	999.9
0.9	20.3	1423.5	850.0	17.8	5.5	999.9	99.9	99.9	99.9	304.9	323.7	6.7	43.9	999.9	999.9
1.7	23.7	1716.2	825.0	16.3	4.8	999.9	99.9	99.9	99.9	305.8	324.4	6.6	46.6	999.9	999.9
2.5	25.1	1978.1	800.0	14.2	3.5	999.9	99.9	99.9	99.9	306.3	323.8	6.2	48.6	999.9	999.9
3.5	27.6	2246.4	775.0	12.1	2.3	219.5	8.8	5.4	7.0	306.2	323.6	5.9	51.1	1.1	37.
4.4	30.2	2520.2	750.0	10.8	1.4	209.6	8.0	4.8	7.0	307.4	323.6	5.7	53.1	1.6	37.
5.4	32.7	2801.4	725.0	8.1	0.3	200.4	9.2	3.3	6.9	308.3	324.0	5.4	57.8	2.1	34.
6.4	35.3	3098.1	700.0	5.8	-2.4	196.7	11.0	3.3	11.2	308.9	322.3	4.6	55.9	2.7	30.
7.4	38.0	3386.7	675.0	3.7	-5.7	195.8	11.4	3.1	11.0	309.2	320.8	3.7	50.1	3.4	27.
8.6	40.8	3692.2	650.0	1.3	-6.9	196.7	12.4	3.6	11.9	310.4	321.0	3.5	54.5	4.2	25.
9.7	43.4	4006.7	625.0	-1.4	-12.1	198.8	15.8	5.1	14.9	310.5	318.3	2.4	43.7	5.1	24.
10.9	46.3	4330.6	600.0	-3.7	-19.4	200.7	19.1	6.7	17.9	311.9	313.8	0.6	12.0	6.4	23.
12.1	49.3	4655.2	575.0	-6.5	-10.3	198.0	20.0	6.2	19.0	312.4	321.6	3.1	75.0	7.8	22.
13.1	52.1	5011.5	550.0	-8.9	-9.3	192.2	18.3	3.9	17.9	313.6	324.0	3.4	96.5	9.0	21.
14.4	55.3	5378.4	525.0	-11.7	-11.7	192.1	20.2	4.3	19.8	314.4	323.5	3.0	99.6	18.4	20.
15.5	58.4	5742.8	500.0	-14.8	-15.1	193.6	24.9	5.8	24.2	315.0	322.3	2.4	97.5	11.9	19.
16.8	61.5	6125.1	475.0	-17.5	-18.9	195.6	29.9	8.0	28.6	316.3	319.2	0.9	41.7	13.9	18.
18.4	64.8	6533.7	450.0	-18.2	-17.6	199.7	35.7	12.0	33.6	320.4	321.9	0.4	28.5	17.1	18.
19.8	68.1	6957.9	425.0	-21.3	-10.7	199.7	38.1	13.0	36.1	321.7	322.6	0.3	15.5	20.4	19.
21.1	71.6	7403.2	400.0	-24.1	-13.2	200.4	37.1	13.2	35.5	323.7	324.5	0.2	15.1	23.3	19.
22.6	75.3	7871.7	375.0	-26.8	-15.5	198.4	39.5	12.5	37.5	326.2	326.6	0.2	15.0	26.8	19.
24.3	79.0	8355.9	350.0	-30.2	-17.6	196.5	43.4	12.3	41.6	328.0	328.5	0.1	16.3	38.9	19.
26.1	82.8	8882.6	325.0	-34.6	-11.1	195.9	43.8	12.0	42.2	329.0	329.4	0.1	16.7	35.8	18.
28.1	86.8	9444.2	300.0	-38.0	-14.1	199.0	41.0	13.9	38.6	331.2	332.1	0.1	16.6	40.6	18.
30.3	91.0	10038.7	275.0	-41.4	-19.9	203.2	47.1	16.5	43.3	335.0	335.0	99.9	99.9	46.5	19.
32.5	95.6	10679.8	250.0	-46.1	-19.9	207.9	47.1	22.2	41.9	337.5	337.5	99.9	99.9	52.7	19.
34.8	100.3	11372.0	225.0	-51.8	-19.9	214.2	45.9	25.8	38.0	339.2	339.2	99.9	99.9	59.3	21.
37.1	105.4	12126.3	200.0	-56.8	-19.9	220.2	42.8	27.7	32.8	342.6	342.6	99.9	99.9	64.9	22.
39.8	111.0	12963.0	175.0	-61.3	-19.9	224.2	42.8	29.9	30.7	348.6	348.6	99.9	99.9	71.6	24.
43.2	117.0	13913.9	150.0	-64.6	-19.9	217.1	30.7	18.5	24.5	358.6	358.6	99.9	99.9	78.6	26.
46.3	123.5	15032.8	125.0	-62.8	-19.9	225.2	22.6	16.1	18.0	361.6	361.6	99.9	99.9	83.4	27.
50.4	131.0	16403.8	100.0	-60.7	-19.9	231.6	13.3	10.4	8.3	410.4	410.4	99.9	99.9	87.2	28.
55.4	139.3	18170.0	75.0	-65.8	-19.9	243.7	9.7	6.7	4.3	435.1	435.1	99.9	99.9	89.1	29.
62.6	149.0	20690.3	50.0	-59.4	-19.9	205.3	7.4	3.2	6.7	503.4	503.4	99.9	99.9	90.4	28.
73.1	159.0	25143.0	25.0	-48.4	-19.9	999.9	99.9	99.9	99.9	645.5	645.5	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
 EL PASO, TEXAS

 20 MAY 1979
 1405 GMT

146 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.9	1193.0	878.0	18.5	10.1	170.0	2.6	-0.5	2.6	322.7	327.1	8.9	58.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	995.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	993.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	18.2	1222.5	875.0	19.0	7.6	999.9	99.9	99.9	99.9	303.5	324.4	7.5	47.7	999.9	999.9
0.9	23.6	1465.8	850.0	15.2	8.0	999.9	99.9	99.9	99.9	302.1	324.1	8.0	62.3	999.9	999.9
1.6	23.1	1722.4	825.0	13.9	6.1	999.9	99.9	99.9	99.9	303.3	323.3	7.2	59.2	999.9	999.9
2.7	25.7	1901.5	800.0	12.1	4.4	999.9	99.9	99.9	99.9	304.1	322.6	6.6	59.3	1.0	352.
3.7	23.2	2246.7	775.0	10.0	2.5	206.4	5.7	2.6	5.1	304.6	321.3	5.9	59.4	1.3	359.
4.7	33.8	2518.5	750.0	7.7	0.8	211.0	5.4	2.8	4.6	304.9	320.4	5.4	61.8	1.6	6.
5.7	33.4	2757.1	725.0	5.5	0.6	194.8	5.2	1.3	5.0	305.2	321.2	5.5	71.1	1.9	9.
6.6	36.1	3063.4	700.0	3.3	0.6	178.7	6.5	-0.1	6.5	306.1	322.4	5.7	82.3	2.2	7.
7.7	38.9	3377.4	675.0	0.7	-0.2	171.4	8.3	-1.3	8.2	306.4	322.5	5.6	94.1	2.7	6.
8.6	41.7	3679.6	650.0	-1.9	-2.7	173.6	10.4	-1.1	10.3	306.6	320.7	4.8	94.2	3.2	3.
9.5	44.4	3990.8	625.0	-4.0	-4.6	177.6	12.3	-0.5	12.3	307.9	320.6	4.4	95.4	3.8	2.
10.4	47.3	4312.3	600.0	-6.8	-16.1	181.3	15.2	0.3	15.2	308.2	316.5	2.8	66.4	4.5	1.
11.6	50.2	4641.0	575.0	-10.3	-30.2	187.9	17.8	2.4	17.6	307.9	309.7	0.5	17.8	5.7	2.
12.7	53.1	4982.1	550.0	-12.2	-28.3	184.3	21.8	5.4	21.1	309.4	312.0	0.7	27.0	7.0	4.
13.6	56.3	5336.6	525.0	-14.4	-41.6	199.9	23.8	8.1	22.4	311.2	311.8	0.2	8.1	8.3	6.
14.4	59.4	5704.3	500.0	-17.3	-19.6	204.6	25.7	10.7	23.4	312.0	317.1	1.6	81.6	9.3	8.
15.1	62.5	6088.3	475.0	-19.3	-21.4	207.6	29.6	13.7	25.3	315.1	318.7	1.4	82.0	10.5	10.
16.9	65.9	6488.6	450.0	-22.1	-40.5	203.1	35.0	13.7	32.2	315.5	316.5	0.3	19.9	13.8	14.
19.0	69.1	6907.4	425.0	-24.0	-42.4	197.7	40.2	12.2	38.3	316.3	319.0	0.2	16.4	18.5	15.
20.5	72.6	7348.4	400.0	-25.7	-46.4	194.5	43.3	10.8	41.9	321.6	322.1	0.1	12.3	22.4	15.
22.1	75.3	7813.9	375.0	-28.1	-49.5	189.2	48.9	6.5	40.4	324.6	324.8	0.1	10.8	25.5	15.
23.7	80.0	8306.2	350.0	-30.9	-52.2	186.8	40.3	4.8	40.1	327.1	327.4	0.1	10.2	30.3	14.
25.2	81.8	8829.2	325.0	-34.0	-59.0	191.2	42.0	8.3	41.8	329.9	330.2	0.1	11.1	33.9	13.
27.0	87.8	9384.5	300.0	-38.8	-56.8	196.7	49.4	14.2	47.4	330.6	331.0	0.1	12.7	38.8	13.
29.0	92.0	9976.7	275.0	-42.6	-59.9	202.2	50.4	19.0	46.6	333.6	339.9	99.9	999.9	44.9	14.
31.2	96.6	10616.3	250.0	-45.8	-59.9	208.9	53.48	25.8	46.7	338.0	339.9	99.9	999.9	51.6	16.
33.3	101.2	11310.7	225.0	-50.6	-59.9	214.7	50.19	28.5	41.2	341.0	339.9	99.9	999.9	57.7	18.
36.0	104.4	12071.7	200.0	-54.7	-59.9	218.3	45.19	28.0	35.4	346.2	339.9	99.9	999.9	65.3	20.
38.7	111.8	12920.1	175.0	-58.2	-59.9	216.6	34.86	28.0	28.0	353.5	339.9	99.9	999.9	71.5	22.
41.9	117.7	13862.6	150.0	-61.8	-59.9	209.1	29.16	14.2	25.6	363.7	339.9	99.9	999.9	77.2	23.
45.3	124.2	15024.5	125.0	-56.4	-59.9	242.4	20.49	18.3	9.6	389.3	339.9	99.9	999.9	82.7	23.
49.7	131.7	16419.2	100.0	-59.7	-59.9	253.3	12.19	11.8	3.5	412.4	339.9	99.9	999.9	85.1	24.
54.8	143.0	18168.8	75.0	-65.2	-59.9	205.3	7.5	3.2	6.8	436.1	339.9	99.9	999.9	88.0	25.
61.5	149.3	20712.4	50.0	-59.5	-59.9	134.4	4.6	-3.3	3.3	503.4	339.9	99.9	999.9	88.7	25.
72.4	159.5	25103.0	25.0	-49.2	-59.9	96.3	9.7	-9.6	1.1	643.4	339.9	99.9	999.9	87.4	22.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

20 MAY 1979
1745 GMT

119 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP N/SEC	V COMP N/SEC	POT Y DG K	E POT Y DG K	MX WTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	18.5	1123.0	878.2	20.2	5.1	50.8	2.6	-2.8	-1.7	304.2	322.1	6.3	37.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	18.8	1224.4	875.0	18.8	6.2	99.9	99.9	99.9	99.9	303.2	322.3	6.8	44.0	99.9	99.9
1.1	21.4	1471.7	850.0	15.3	6.5	99.9	99.9	99.9	99.9	302.2	321.9	7.2	55.6	99.9	99.9
1.9	23.9	1723.8	825.0	12.9	5.7	99.9	99.9	99.9	99.9	302.2	321.6	7.0	61.5	99.9	99.9
2.5	26.5	1981.8	800.0	10.7	4.7	99.9	99.9	99.9	99.9	302.6	321.3	6.7	66.2	99.9	99.9
3.2	29.1	2245.8	775.0	8.6	3.6	99.9	99.9	99.9	99.9	303.0	321.0	6.4	71.2	99.9	99.9
4.3	31.8	2515.9	750.0	6.8	59.9	99.9	99.9	99.9	99.9	303.1	99.9	99.9	99.9	99.9	99.9
5.8	34.4	2792.1	725.0	3.9	99.9	99.9	99.9	99.9	99.9	303.2	99.9	99.9	99.9	99.9	99.9
7.3	37.2	3075.8	700.0	1.8	99.9	99.9	99.9	99.9	99.9	304.5	99.9	99.9	99.9	99.9	99.9
8.8	40.0	3367.5	675.0	-0.3	99.9	183.5	8.2	0.5	8.2	305.4	99.9	99.9	99.9	3.0	24.
9.6	42.9	3668.8	650.0	-2.0	-8.0	186.6	9.8	1.1	9.7	306.7	316.2	3.2	63.5	3.5	21.
10.7	45.8	3979.7	625.0	-3.7	-32.7	189.8	11.8	2.0	11.6	308.3	309.6	0.4	8.4	4.1	19.
11.8	48.8	4300.0	600.0	-6.9	-31.4	186.3	13.8	1.5	13.7	308.1	309.7	0.5	12.8	4.9	17.
13.0	51.8	4630.3	575.0	-9.7	-32.4	188.0	16.3	2.3	16.1	308.7	310.1	0.4	13.6	6.0	15.
14.1	54.9	4971.2	550.0	-12.9	-32.6	197.4	18.9	5.7	18.1	308.8	310.3	0.4	17.3	7.2	15.
15.3	58.0	5323.7	525.0	-16.3	-20.3	203.7	23.7	9.5	21.7	308.9	313.4	1.4	78.8	8.6	16.
16.3	61.1	5691.0	500.0	-16.8	-18.2	206.8	27.6	12.4	24.6	312.6	318.3	1.8	88.9	10.3	17.
17.5	64.4	6075.4	475.0	-18.6	-20.2	207.2	30.9	14.2	27.5	315.0	320.1	1.6	88.9	12.2	19.
18.8	67.9	6476.6	450.0	-21.4	-24.3	207.7	33.4	15.5	29.5	318.3	320.2	1.2	77.7	14.9	21.
20.5	71.4	6897.3	425.0	-23.2	-32.0	209.8	36.7	18.3	31.9	319.3	321.4	0.6	44.0	18.3	22.
22.2	74.9	7339.1	400.0	-24.9	-38.7	213.2	38.2	20.9	32.0	322.6	323.6	0.3	26.3	22.2	24.
24.2	78.7	7805.8	375.0	-28.1	-44.2	205.7	32.9	14.2	29.6	324.4	325.2	0.2	19.4	26.6	25.
26.2	82.5	8297.4	350.0	-31.6	-48.1	192.9	26.7	6.0	26.0	326.1	326.6	0.1	17.6	29.8	24.
29.0	86.4	8818.8	325.0	-34.8	-51.3	198.6	36.8	11.8	34.9	328.8	329.2	0.1	16.5	32.9	23.
29.6	93.7	9372.1	300.0	-39.1	-54.8	202.2	48.1	18.2	44.8	330.3	330.6	0.1	16.8	37.1	23.
31.2	95.0	9962.4	275.0	-43.6	-59.9	202.4	46.1	17.6	42.7	332.0	99.9	99.9	99.9	42.0	23.
33.5	99.6	10596.7	250.0	-46.5	-59.9	207.0	43.4	19.7	38.7	336.9	99.9	99.9	99.9	47.8	23.
35.7	104.6	11296.8	225.0	-48.8	-59.9	215.2	46.3	27.0	38.2	343.7	99.9	99.9	99.9	53.8	24.
39.0	109.8	12060.5	200.0	-54.4	-59.9	211.6	41.7	21.9	35.5	346.6	99.9	99.9	99.9	59.7	25.
40.6	115.5	12912.9	175.0	-55.6	-59.9	218.0	40.8	24.6	31.5	358.2	99.9	99.9	99.9	66.2	26.
43.6	121.5	13956.6	150.0	-52.4	-59.9	225.8	15.0	14.9	-1.5	379.5	99.9	99.9	99.9	70.9	27.
46.7	128.2	15068.6	125.0	-56.0	-59.9	169.2	20.0	-3.8	19.7	393.5	99.9	99.9	99.9	71.8	28.
50.1	135.7	16459.3	100.0	-61.2	-59.9	99.9	99.9	99.9	99.9	409.6	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS20 MAY 1979
2005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.8	1193.0	877.0	20.0	2.4	240.0	3.6	3.1	1.8	304.4	319.1	5.2	31.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.1	18.0	1212.7	875.0	19.6	4.6	999.9	99.9	99.9	99.9	304.2	321.4	6.1	37.1	999.9	99.9
0.8	20.4	1450.6	850.0	16.3	2.8	999.9	99.9	99.9	99.9	303.2	318.8	5.5	40.3	999.9	99.9
1.7	23.9	1713.4	825.0	13.9	2.2	999.9	99.9	99.9	99.9	303.3	318.7	5.4	44.8	999.9	99.9
2.7	25.5	1972.1	800.0	11.7	1.9	999.9	99.9	99.9	99.9	303.6	319.1	5.5	50.9	0.9	127.
3.7	28.1	2236.6	775.0	9.4	-0.1	281.6	7.4	7.3	-1.5	303.9	317.9	4.9	51.8	1.3	122.
4.7	30.7	2507.5	750.0	7.0	-2.1	277.8	10.9	10.8	-1.5	304.2	316.8	4.4	52.2	1.8	115.
5.7	33.4	2785.2	725.0	4.4	-2.9	270.8	11.1	11.1	-0.2	304.4	316.6	4.3	58.7	2.4	110.
6.9	36.1	3069.9	700.0	1.7	-0.4	255.0	10.2	9.9	2.6	304.4	315.6	5.3	85.9	3.1	104.
8.4	39.9	3362.4	675.0	-0.4	-0.8	232.2	11.0	8.7	6.7	305.3	315.2	3.4	61.4	3.9	94.
10.1	41.7	3633.4	650.0	-2.6	-7.6	215.0	11.9	6.8	9.8	306.1	315.9	3.3	68.4	4.7	83.
11.5	44.5	3973.5	625.0	-4.8	-10.7	203.8	13.2	5.3	12.1	306.5	315.1	2.7	63.6	5.4	74.
12.5	47.4	4293.1	600.0	-7.8	-10.7	197.2	14.7	4.4	14.0	307.1	315.6	2.8	79.3	5.9	67.
13.5	53.4	4622.5	575.0	-10.9	-11.8	192.5	15.6	3.4	15.2	307.3	315.3	2.7	92.5	6.5	61.
14.7	53.4	4962.8	550.0	-13.3	-13.7	191.3	18.1	3.6	17.8	308.3	315.6	2.4	97.5	7.4	54.
15.9	55.5	5316.1	525.0	-15.0	-16.1	184.6	20.3	1.6	20.2	310.0	316.4	2.1	93.3	8.4	47.
17.2	59.8	5683.4	500.0	-17.4	-18.2	184.9	24.6	2.1	24.6	311.6	317.8	1.5	92.7	11.4	35.
18.4	63.0	6066.1	475.0	-20.1	-21.0	190.2	29.8	5.3	29.3	313.1	317.8	1.8	93.2	14.6	30.
20.1	66.3	6465.2	450.0	-22.2	-28.6	201.8	34.4	12.8	32.0	315.4	316.4	0.3	20.8	14.6	30.
21.7	69.8	6884.1	425.0	-24.3	-35.8	207.7	37.8	17.6	33.4	317.9	319.3	0.4	34.1	18.0	29.
23.4	73.3	7324.5	400.0	-26.3	-38.8	212.4	39.9	21.4	33.7	320.8	322.0	0.3	29.3	22.0	30.
25.1	77.0	7787.9	375.0	-29.9	-42.5	215.0	42.2	24.2	34.5	322.0	323.9	0.2	28.0	26.1	30.
26.9	80.8	8275.7	350.0	-33.8	-45.9	215.2	40.2	23.2	32.8	323.2	323.9	0.2	28.1	30.5	31.
28.8	84.8	8791.8	325.0	-37.1	-50.3	214.1	37.8	21.2	31.3	325.2	326.0	0.1	23.5	35.0	31.
30.7	89.0	9340.5	300.0	-41.1	-59.9	213.1	37.2	20.3	31.1	327.4	329.9	99.9	999.9	39.1	32.
32.8	93.3	9930.7	275.0	-42.3	-59.9	215.2	39.3	22.7	32.1	334.0	334.0	99.9	999.9	43.9	32.
34.9	97.8	10571.2	250.0	-45.6	-59.9	219.5	40.2	25.6	31.0	338.2	338.2	99.9	999.9	48.9	33.
37.3	102.8	11268.4	225.0	-49.0	-59.9	217.6	43.6*	26.6	34.6	342.5	342.5	99.9	999.9	54.9	33.
40.0	107.8	12034.5	200.0	-51.7	-59.9	213.5	37.1*	20.5	30.9	350.5	350.5	99.9	999.9	61.3	34.
43.1	113.5	12901.0	175.0	-51.5	-59.9	211.0	34.8*	17.9	29.8	364.5	364.5	99.9	999.9	68.3	33.
46.1	119.5	13896.4	150.0	-53.4	-59.9	221.0	30.4*	19.9	23.0	378.2	378.2	99.9	999.9	73.9	33.
48.5	126.3	15056.4	125.0	-58.5	-59.9	231.6	18.8*	14.7	11.6	389.1	389.1	99.9	999.9	78.7	34.
51.0	133.7	16454.7	100.0	-60.2	-59.9	230.8	11.5*	8.9	7.2	411.4	411.4	99.9	999.9	82.2	35.
53.7	142.3	18218.6	75.0	-62.7	-59.9	261.3	7.3	7.2	1.1	441.5	441.5	99.9	999.9	84.7	35.
60.0	152.0	20737.2	50.0	-56.2	-59.9	137.2	6.5	-4.4	4.7	511.2	511.2	99.9	999.9	84.6	35.
77.5	162.0	22224.3	25.0	-47.7	-59.9	77.2	7.2	-7.1	-1.6	647.5	647.5	99.9	999.9	82.8	33.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 279
EL PASO, TEXAS20 MAY 1979
2305 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.8	1193.0	877.0	22.5	-5.4	260.0	5.1	5.0	0.9	307.0	315.7	2.9	15.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	18.0	1212.7	875.0	20.9	-2.7	999.9	99.9	99.9	99.9	305.5	316.0	3.6	20.3	99.9	99.9
0.9	20.5	1461.5	850.0	17.6	-4.2	999.9	99.9	99.9	99.9	304.6	314.3	3.3	22.2	99.9	99.9
1.9	23.0	1716.2	825.0	15.4	-5.1	999.9	99.9	99.9	99.9	304.9	314.2	3.2	23.9	99.9	99.9
3.5	25.6	1974.6	800.0	12.7	-5.7	263.3	7.3	7.3	0.9	304.7	313.9	3.1	27.1	1.4	77.
4.7	28.2	2239.5	775.0	10.0	-6.5	265.1	8.7	8.7	0.7	304.6	313.4	3.0	30.5	1.9	80.
5.8	30.8	2510.8	750.0	7.5	-6.8	260.0	8.7	8.6	1.5	304.7	313.7	3.1	35.4	2.5	80.
6.9	33.4	2788.5	725.0	4.7	-7.1	250.4	8.1	7.6	2.7	304.6	313.7	3.1	41.9	3.1	80.
7.7	36.1	3073.1	700.0	2.0	-7.8	238.4	8.6	7.3	4.5	305.2	313.7	3.0	48.0	3.4	78.
8.8	38.9	3365.5	675.0	-0.4	-8.9	236.9	10.5	8.8	5.8	305.2	313.7	2.9	52.5	4.0	75.
9.7	41.7	3665.9	650.0	-3.3	-9.5	232.8	11.3	9.0	6.9	305.2	313.7	2.9	62.2	4.6	73.
11.0	44.6	3974.8	625.0	-6.0	-10.7	216.9	14.6	8.4	11.2	305.6	313.6	2.7	69.4	5.5	68.
12.0	47.4	4293.2	600.0	-8.6	-12.3	201.7	17.0	6.3	15.8	306.2	313.6	2.5	74.6	6.2	63.
13.0	50.3	4622.1	575.0	-11.0	-15.3	194.8	21.1	5.4	20.4	307.1	313.3	2.0	70.4	7.1	56.
14.2	53.3	4962.3	550.0	-13.2	-18.2	199.7	25.3	8.5	23.8	308.5	313.7	1.7	66.8	8.4	48.
15.6	56.4	5315.2	525.0	-15.8	-24.6	208.2	25.6	12.1	22.6	309.4	312.6	1.0	46.5	10.5	43.
17.0	59.6	5681.0	500.0	-18.8	-28.9	216.1	25.4	15.0	20.5	310.2	312.5	0.7	40.3	12.5	42.
18.2	62.9	6061.1	475.0	-21.2	-31.3	220.1	28.3	18.2	21.6	311.6	313.7	0.6	39.4	14.5	41.
19.5	66.1	6459.0	450.0	-22.9	-47.1	224.7	38.0	21.1	21.3	314.5	315.0	0.1	8.8	16.6	41.
20.7	69.6	6877.1	425.0	-24.6	-46.9	226.5	31.4	22.8	21.6	317.4	317.9	0.1	10.6	18.9	42.
22.4	73.1	7315.0	400.0	-28.0	-48.4	228.2	31.5	23.5	21.0	318.6	319.0	0.1	12.2	22.0	43.
24.3	76.9	7774.9	375.0	-31.4	-49.4	232.1	37.2	29.4	22.8	320.0	320.4	0.1	14.8	25.9	44.
26.2	80.7	8259.6	350.0	-35.4	-50.3	235.4	38.0	31.3	21.6	321.1	321.5	0.1	19.7	30.3	45.
28.2	84.7	8772.4	325.0	-38.2	-53.2	236.4	33.1	27.6	18.3	324.0	324.3	0.1	18.7	34.5	47.
30.1	88.8	9319.2	300.0	-41.2	-59.9	232.9	34.4	27.5	20.8	327.3	327.3	99.9	99.9	38.1	48.
32.1	93.2	9908.1	275.0	-43.4	-69.9	223.1	36.1	24.6	26.4	332.4	332.4	99.9	99.9	42.5	48.
34.1	97.8	10544.1	250.0	-46.8	-69.9	221.2	33.6	21.8	24.9	336.5	336.5	99.9	99.9	46.4	47.
36.3	102.6	11242.1	225.0	-47.5	-69.9	223.9	34.6	24.1	25.1	345.7	345.7	99.9	99.9	51.2	46.
38.8	107.4	12018.6	200.0	-46.8	-69.9	233.5	31.1	25.0	18.5	355.5	355.5	99.9	99.9	55.9	47.
41.8	117.7	12888.1	175.0	-52.0	-69.9	224.3	28.5	20.2	20.7	364.8	364.8	99.9	99.9	61.3	47.
45.5	120.0	13855.2	150.0	-53.2	-69.9	235.9	22.0	18.2	12.3	378.4	378.4	99.9	99.9	66.8	47.
49.1	125.7	15046.2	125.0	-58.3	-69.9	237.2	16.8	14.2	9.1	389.4	389.4	99.9	99.9	70.5	48.
52.9	134.3	16439.7	100.0	-61.4	-69.9	250.1	10.8	10.2	3.7	409.2	409.2	99.9	99.9	74.1	48.
58.0	143.3	18211.0	75.0	-66.6	-69.9	237.0	5.7	4.8	3.1	433.3	433.3	99.9	99.9	75.7	48.
64.9	153.0	20724.4	50.0	-59.6	-69.9	339.0	6.6	2.4	-6.2	503.0	503.0	99.9	99.9	75.9	48.
76.8	163.3	25212.7	25.0	-49.0	-69.9	62.7	6.2	-5.5	-2.8	644.2	644.2	99.9	99.9	73.6	47.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
 EL PASO, TEXAS

21 MAY 1979														152 14. 0			
205 GMT														RM	RANGE	AZ	
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT Y	E POT Y	MX RTD	PCT				
MIN		GPH	MS	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	OG M	OG K	GM/KG	PCT		KN	OG	
0.0	18.2	1193.0	878.5	19.0	-44.4	240.0	5.1	4.4	2.6	303.2	312.3	3.1	20.0	20.0	0.0	0.	
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
0.1	18.6	1227.3	875.0	18.7	-38.8	999.9	99.9	99.9	99.9	303.2	312.8	3.3	21.4	21.4	999.9	99.9	
1.0	21.1	1474.5	850.0	16.2	-38.8	999.9	99.9	99.9	99.9	303.2	313.1	3.4	25.1	25.1	999.9	99.9	
1.8	23.6	1727.2	825.0	14.0	-44.5	999.9	99.9	99.9	99.9	303.4	313.1	3.3	27.2	27.2	999.9	99.9	
2.6	26.2	1985.3	800.0	11.4	-51.2	999.9	99.9	99.9	99.9	303.4	312.8	3.3	30.7	30.7	999.9	99.9	
3.3	28.8	2245.5	775.0	9.5	-61.2	999.9	99.9	99.9	99.9	304.1	313.1	3.1	32.3	32.3	2.6	74.	
4.2	31.4	2520.3	750.0	7.0	-71.8	248.9	12.9	12.1	4.7	304.1	312.9	3.0	35.8	35.8	3.3	74.	
5.2	34.2	2797.6	725.0	4.3	-77.8	238.2	13.8	11.8	7.1	304.2	312.8	2.9	41.0	41.0	4.0	72.	
6.0	36.9	3082.1	700.0	2.2	-77.9	227.1	16.1	11.8	11.0	304.9	313.8	3.0	47.1	47.1	4.7	69.	
6.8	39.8	3374.6	675.0	-0.2	-13.2	220.4	16.2	10.5	12.4	305.4	311.6	2.0	36.7	36.7	5.4	65.	
7.8	42.6	3675.3	650.0	-2.9	-12.8	220.1	15.9	10.3	12.2	305.7	312.3	2.2	46.5	46.5	6.3	62.	
8.8	45.5	3984.7	625.0	-5.2	-20.2	225.6	18.5	11.8	11.6	306.5	310.3	1.2	29.6	29.6	7.1	59.	
9.7	48.5	4303.7	600.0	-7.8	-22.2	228.9	16.7	12.0	11.6	307.1	310.5	1.1	30.1	30.1	8.1	58.	
10.8	51.5	4632.9	575.0	-10.7	-23.5	218.8	16.7	10.4	13.0	307.5	310.6	1.0	33.7	33.7	9.2	56.	
12.2	54.6	4973.0	550.0	-13.4	-25.4	211.7	15.9	8.4	13.5	308.2	311.0	0.9	35.4	35.4	10.4	53.	
13.7	57.8	5325.7	525.0	-14.7	-31.4	215.6	18.7	9.7	13.5	310.6	312.6	0.5	23.0	23.0	11.8	51.	
15.5	61.0	5694.7	500.0	-16.1	-30.2	215.4	18.8	10.9	15.3	313.4	315.4	0.6	28.5	28.5	13.6	49.	
16.9	64.3	6078.6	475.0	-19.4	-28.3	218.3	22.1	13.1	17.8	313.9	316.5	0.8	45.0	45.0	15.3	47.	
18.4	67.8	6478.1	450.0	-22.4	-29.4	220.2	24.1	15.6	18.4	315.1	317.6	0.7	52.7	52.7	17.3	46.	
19.8	71.3	6895.3	425.0	-25.6	-33.3	220.1	27.0	17.4	20.6	316.2	318.0	0.5	48.3	48.3	19.5	46.	
21.4	75.0	7331.6	400.0	-29.3	-37.2	220.7	29.4	19.3	22.4	317.0	318.3	0.4	45.8	45.8	22.2	45.	
23.1	78.7	7785.6	375.0	-32.8	-39.4	228.2	31.2	21.8	22.4	318.2	319.4	0.3	51.3	51.3	25.2	45.	
24.7	82.6	8272.7	350.0	-35.6	-40.2	228.2	31.3	23.3	20.8	320.2	322.0	0.3	62.3	62.3	28.3	45.	
26.4	86.7	8783.2	325.0	-40.3	99.9	229.4	33.6	25.5	21.8	321.1	999.9	99.9	99.9	99.9	31.5	45.	
27.9	91.0	9324.4	300.0	-40.9	99.9	230.1	35.9	28.3	23.7	327.7	999.9	99.9	99.9	99.9	34.8	46.	
29.7	95.6	9915.1	275.0	-43.7	99.9	230.3	38.2	29.4	24.4	331.9	999.9	99.9	99.9	99.9	38.9	46.	
32.0	100.4	10553.6	250.0	-45.4	99.9	228.8	30.6	23.0	20.1	338.6	999.9	99.9	99.9	99.9	43.5	47.	
34.1	105.4	11252.5	225.0	-48.1	99.9	227.9	28.0	20.8	18.8	344.2	999.9	99.9	99.9	99.9	47.2	47.	
36.8	111.0	12027.9	200.0	-49.5	99.9	224.0	25.2	17.5	18.1	354.3	999.9	99.9	99.9	99.9	51.5	47.	
39.9	117.0	12898.9	175.0	-51.4	99.9	223.4	22.1	15.2	16.1	365.1	999.9	99.9	99.9	99.9	55.5	46.	
42.7	123.3	13892.2	150.0	-55.9	99.9	231.5	20.2	15.8	12.6	373.6	999.9	99.9	99.9	99.9	59.2	46.	
46.4	130.5	15053.5	125.0	-55.0	99.9	248.2	14.4	13.4	5.3	395.4	999.9	99.9	99.9	99.9	63.2	47.	
50.6	139.3	16458.2	100.0	-62.1	99.9	228.7	8.4	6.3	5.6	407.17	999.9	99.9	99.9	99.9	65.6	48.	
55.5	147.0	18213.5	75.0	-67.7	99.9	260.2	5.1	5.0	0.9	431.1	999.9	99.9	99.9	99.9	68.0	48.	
62.4	156.3	20713.7	50.0	-58.6	99.9	5.8	5.7	-0.6	-5.7	505.4	999.9	99.9	99.9	99.9	68.1	48.	
74.7	165.3	25165.7	25.0	-50.9	99.9	67.5	11.2	-10.4	-4.3	638.9	999.9	99.9	99.9	99.9	63.4	47.	

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS20 MAY 1979
505 GMT

153 11. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEV PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.8	1193.0	880.0	15.5	-1.1	350.0	3.6	0.6	-3.5	299.4	310.8	4.0	32.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	18.3	1241.4	875.0	15.2	-1.2	281.8	12.0	11.7	-2.5	299.6	310.9	4.0	32.6	0.3	136.
0.9	20.7	1485.9	850.0	13.1	-0.3	284.6	12.4	11.9	-3.1	299.4	312.3	4.4	39.5	0.6	120.
1.7	23.2	1736.0	825.0	11.6	-1.8	283.9	13.2	12.8	-3.2	300.9	312.4	4.1	39.1	1.2	113.
2.6	25.8	1992.5	800.0	9.9	-2.9	278.1	14.2	14.1	-2.0	301.7	312.8	3.9	40.3	1.9	108.
3.6	28.3	2255.3	775.0	7.5	-4.0	273.4	14.0	13.9	-0.8	301.9	312.4	3.7	43.8	2.8	104.
4.8	30.9	2524.4	750.0	5.4	-4.9	272.9	13.7	13.7	-0.7	302.4	312.6	3.5	47.3	3.7	101.
5.9	33.6	2800.5	725.0	3.0	-7.6	273.1	13.6	13.6	-0.7	302.8	311.5	3.0	45.4	4.6	100.
7.0	36.2	3084.1	700.0	2.1	-13.4	256.1	12.4	12.1	3.0	304.8	310.7	1.9	30.5	5.5	98.
8.2	39.0	3376.3	675.0	-0.0	-14.6	240.5	13.8	12.0	6.8	305.7	311.2	1.8	32.4	6.2	94.
9.1	41.8	3677.2	650.0	-2.8	-13.6	233.9	16.4	13.3	9.7	305.8	312.0	2.1	43.0	6.9	89.
10.2	44.6	3986.5	625.0	-5.6	-11.1	222.4	17.0	11.5	12.5	306.1	313.9	2.6	65.5	7.8	84.
11.4	47.6	4305.4	600.0	-8.3	-10.4	218.4	18.0	11.2	14.1	306.5	315.1	2.9	85.1	8.7	78.
12.7	50.5	4634.5	575.0	-10.5	-16.6	216.6	17.8	10.6	14.3	307.7	313.3	1.8	60.8	9.8	73.
13.9	53.5	4975.1	550.0	-13.2	-21.0	210.2	15.6	7.8	13.5	308.4	312.5	1.3	51.7	10.8	69.
15.2	56.6	5328.1	525.0	-17.6	-24.7	208.0	15.9	7.5	14.0	310.1	313.2	1.0	44.3	11.8	65.
16.6	59.9	5695.0	500.0	-20.0	-24.0	205.4	17.6	7.5	15.9	311.6	315.1	1.1	57.0	12.9	61.
18.0	63.0	6077.4	475.0	-23.6	-25.1	206.2	17.3	7.6	15.6	313.2	316.6	1.0	63.3	14.1	57.
19.4	66.4	6475.7	450.0	-27.4	-28.8	213.2	17.9	9.8	15.0	313.6	317.0	1.0	81.7	15.4	55.
20.9	69.9	6890.6	425.0	-30.6	-31.8	214.5	18.6	10.5	15.3	313.9	316.6	0.8	87.9	16.9	53.
22.5	73.3	7324.6	400.0	-32.6	-33.4	213.3	20.5	11.3	17.1	315.3	317.5	0.7	88.7	18.7	51.
24.3	77.0	7780.9	375.0	-36.4	-35.6	223.3	22.6	12.4	18.9	318.4	319.2	0.2	32.8	20.9	49.
26.4	80.9	8283.0	350.0	-39.0	-36.8	220.2	23.7	16.3	17.3	319.7	320.4	0.2	37.7	23.7	48.
28.7	84.8	8773.5	325.0	-41.8	-39.9	224.6	27.0	17.4	20.6	323.0	323.6	0.2	42.8	27.2	47.
30.8	89.0	9318.4	300.0	-45.3	-42.0	230.4	34.6	26.7	22.1	324.3	329.9	99.9	99.9	30.7	46.
33.0	93.3	9908.6	275.0	-48.1	-45.3	233.4	30.4	20.8	22.1	328.7	329.9	99.9	99.9	35.1	47.
35.3	98.0	10548.0	250.0	-48.1	-48.1	231.6	28.6	20.9	16.5	327.9	329.9	99.9	99.9	39.8	47.
37.9	102.8	11251.6	225.0	-48.6	-48.6	239.3	22.2	19.1	11.3	325.4	329.9	99.9	99.9	44.2	46.
40.9	108.0	12030.9	200.0	-53.4	-53.4	236.8	26.0	21.8	14.2	331.9	329.9	99.9	99.9	48.0	48.
44.0	113.7	12899.3	175.0	-54.4	-54.4	240.5	20.3	17.7	10.0	326.4	329.9	99.9	99.9	52.9	48.
47.3	119.7	13890.4	150.0	-58.2	-58.2	230.6	13.6	10.5	8.6	329.4	329.9	99.9	99.9	57.7	49.
51.2	126.7	15050.2	125.0	-60.9	-60.9	230.6	9.8	8.9	4.1	410.1	329.9	99.9	99.9	61.2	50.
56.0	134.3	16446.2	100.0	-68.2	-68.2	230.6	3.7	-3.5	1.2	429.4	329.9	99.9	99.9	64.7	50.
61.1	143.0	18197.3	75.0	-58.3	-58.3	109.6	4.7	-4.3	-1.8	506.1	329.9	99.9	99.9	65.9	50.
63.6	152.7	20704.3	50.0	-49.9	-49.9	310.0	6.6	5.1	-4.2	641.2	329.9	99.9	99.9	68.1	47.
81.2	163.0	25145.9	25.0	-49.9	-49.9	310.0	6.6	5.1	-4.2	641.2	329.9	99.9	99.9	68.1	47.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
 EL PASO, TEXAS

 21 MAY 1979
 065 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	18.0	1123.0	880.5	12.0	2.7	335.0	3.1	1.3	-2.8	295.7	310.3	5.3	53.0	0.0	0.
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	19.5	1245.7	875.0	12.2	1.5	321.2	3.2	2.0	-2.5	295.2	309.9	4.9	48.0	0.1	81.
1.2	21.0	1466.1	850.0	11.0	0.7	999.9	99.9	99.9	99.9	297.7	310.9	4.7	48.8	999.9	999.9
2.1	23.4	1736.4	825.0	8.7	-0.0	999.9	99.9	99.9	99.9	297.8	310.8	4.6	54.1	999.9	999.9
3.0	25.8	1990.1	800.0	6.6	-0.5	999.9	99.9	99.9	99.9	298.2	311.1	4.6	60.3	1.5	111.
4.0	28.3	2250.2	775.0	5.0	-1.1	308.6	16.7	13.1	-10.5	299.2	312.1	4.6	64.5	2.4	112.
5.1	30.9	2517.4	750.0	3.7	-1.7	275.9	12.3	12.3	-1.3	300.6	310.9	3.6	53.9	3.2	111.
6.1	33.4	2792.1	725.0	2.0	-2.7	262.3	12.1	12.0	1.6	301.7	310.3	3.0	48.6	3.8	107.
7.0	36.1	3074.1	700.0	-0.3	-3.9	261.2	13.9	13.7	2.1	302.2	309.8	2.6	48.1	4.6	102.
8.0	39.8	3363.9	675.0	-2.8	-11.0	255.2	14.3	13.8	3.6	302.5	309.7	2.4	53.2	5.3	99.
8.9	41.4	3662.1	650.0	-4.8	-10.4	246.7	15.7	14.4	6.2	303.6	311.5	2.7	64.7	6.1	96.
10.0	44.2	3970.0	625.0	-6.7	-12.4	234.0	13.6	11.0	8.0	304.8	311.9	2.4	63.8	6.8	91.
11.1	47.0	4287.2	600.0	-8.2	-15.8	232.9	12.6	10.1	7.6	305.2	311.1	1.9	58.5	7.5	87.
12.5	49.9	4615.0	575.0	-11.5	-21.6	230.8	11.7	9.1	7.4	306.5	310.2	1.2	42.8	8.4	83.
14.0	52.9	4955.1	550.0	-13.3	-21.2	229.7	12.0	9.2	7.8	308.4	312.4	1.3	51.2	9.3	79.
15.3	55.9	5307.8	525.0	-15.9	-19.5	233.1	13.9	11.1	8.4	309.3	314.1	1.5	73.4	10.2	77.
16.6	58.9	5674.9	500.0	-17.4	-25.3	244.4	13.1	11.8	5.7	311.2	315.0	1.0	49.9	11.1	75.
17.8	62.0	6056.9	475.0	-20.3	-28.6	226.3	15.5	11.2	10.7	312.6	315.3	0.8	47.6	12.1	74.
19.9	65.3	6455.0	450.0	-23.6	-33.4	216.9	17.2	10.3	13.8	313.6	315.3	0.5	40.5	13.0	71.
20.4	68.6	6876.3	425.0	-26.9	-41.0	211.5	16.7	11.1	12.5	314.5	315.4	0.2	24.6	14.3	68.
22.2	72.0	7304.6	400.0	-30.2	-41.3	215.8	16.5	9.7	13.4	315.7	316.6	0.2	32.6	15.9	65.
23.9	75.4	7760.5	375.0	-34.0	-45.6	216.0	17.1	10.1	13.8	316.6	317.5	0.3	46.0	17.5	61.
25.4	79.1	8240.8	350.0	-37.1	-44.4	209.3	23.0	11.3	20.1	318.7	319.5	0.2	46.0	19.2	59.
26.8	82.9	8768.9	325.0	-41.3	99.9	212.7	26.5	14.3	22.3	319.8	999.9	99.9	999.9	21.1	56.
28.8	86.9	9291.1	300.0	-42.5	99.9	215.7	29.2	17.1	23.8	325.4	999.9	99.9	999.9	24.3	53.
30.9	91.2	9876.5	275.0	-43.0	99.9	221.2	27.4	18.0	20.6	332.9	999.9	99.9	999.9	27.8	51.
32.8	95.6	10517.7	250.0	-43.8	99.9	223.7	25.9	17.9	18.7	340.9	999.9	99.9	999.9	30.8	50.
35.2	100.2	11221.5	225.0	-45.0	99.9	230.5	24.5	18.9	15.6	349.6	999.9	99.9	999.9	34.5	50.
37.7	105.3	12055.3	200.0	-47.1	99.9	237.3	22.7	19.1	12.3	358.3	999.9	99.9	999.9	38.0	50.
40.3	110.8	12880.3	175.0	-52.0	99.9	245.3	20.6	18.7	8.6	366.1	999.9	99.9	999.9	41.3	51.
43.4	116.5	13873.7	150.0	-55.1	99.9	249.9	21.1	17.3	12.1	375.1	999.9	99.9	999.9	45.1	52.
46.7	123.0	15029.7	125.0	-58.2	99.9	249.5	9.8	9.2	3.4	389.6	999.9	99.9	999.9	48.4	52.
50.7	130.3	16421.3	100.0	-63.1	99.9	244.2	10.9	9.9	4.8	405.6	999.9	99.9	999.9	50.2	53.
54.9	139.3	18165.1	75.0	-67.1	99.9	244.7	18.4	10.3	1.0	432.3	999.9	99.9	999.9	52.2	52.
61.4	147.5	20623.5	50.0	-59.7	99.9	178.8	6.0	-0.1	6.0	502.6	999.9	99.9	999.9	51.3	52.
73.2	157.0	25091.6	25.0	-52.2	59.9	80.8	9.4	-9.3	-1.5	634.6	999.9	99.9	999.9	48.8	49.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
 EL PASO, TEXAS

 21 MAY 1979
 1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.9	1193.0	880.0	9.1	2.7	195.0	2.6	0.7	2.5	292.6	307.1	5.3	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	18.4	1240.6	875.0	10.5	0.8	99.9	99.9	99.9	99.9	294.7	307.5	4.7	51.1	99.9	99.9
0.9	20.8	1482.8	850.0	10.7	0.7	99.9	99.9	99.9	99.9	297.4	310.5	4.7	49.8	99.9	99.9
1.8	23.3	1731.2	825.0	9.4	0.1	99.9	99.9	99.9	99.9	298.8	311.6	4.7	51.9	99.9	99.9
2.6	25.8	1985.9	800.0	8.3	-2.3	99.9	99.9	99.9	99.9	300.0	311.5	4.0	47.0	99.9	99.9
3.5	29.3	2247.6	775.0	6.9	-2.7	99.9	99.9	99.9	99.9	301.2	311.3	3.5	43.5	99.9	99.9
4.6	30.9	2516.2	750.0	5.1	-5.7	99.9	99.9	99.9	99.9	302.1	311.7	3.3	45.6	99.9	99.9
5.5	33.5	2792.2	725.0	3.1	-8.8	278.5	10.2	10.1	-1.5	302.9	312.1	3.2	48.1	1.9	116.
6.6	36.2	3075.5	700.0	0.8	-9.0	270.5	11.8	11.8	-0.1	303.4	311.6	2.8	47.7	2.6	110.
7.6	39.9	3365.2	675.0	-2.0	-9.6	266.6	12.2	12.1	0.7	303.4	311.5	2.7	55.9	3.3	105.
8.8	41.7	3665.2	650.0	-4.5	-10.6	262.6	13.4	13.3	1.7	303.6	311.6	2.6	62.5	4.1	101.
9.9	44.4	3973.0	625.0	-6.8	-9.7	262.2	12.4	12.3	1.7	304.7	313.3	2.9	80.1	5.0	97.
11.1	47.3	4290.7	600.0	-9.1	-12.3	262.7	11.2	11.1	1.4	305.6	313.0	2.5	77.6	5.8	95.
12.2	50.3	4612.6	575.0	-11.6	-15.0	263.1	10.0	9.9	1.2	306.4	312.7	2.1	75.8	6.5	94.
13.3	53.3	4957.7	550.0	-14.2	-17.9	265.0	9.7	9.7	0.3	307.2	312.4	1.7	73.8	7.1	93.
14.6	56.3	5309.3	525.0	-16.8	-20.9	269.0	11.3	11.3	0.2	308.2	312.5	1.4	70.5	7.9	93.
15.8	59.4	5673.9	500.0	-19.7	-23.1	261.1	13.2	13.0	2.0	309.1	312.8	1.2	73.6	8.7	92.
17.0	62.6	6033.5	475.0	-21.3	-25.0	261.1	13.2	13.0	4.3	311.7	314.4	0.8	56.9	9.8	90.
18.6	66.0	6450.5	450.0	-23.7	-31.6	261.8	12.4	11.0	5.9	313.5	315.5	0.6	47.9	10.9	88.
20.3	69.4	6865.7	425.0	-27.0	-35.0	238.3	10.4	8.8	5.5	314.4	316.0	0.5	46.1	11.9	85.
21.7	72.9	7299.8	400.0	-30.6	-38.1	250.9	11.5	10.8	3.8	315.2	316.5	0.3	47.3	12.8	83.
23.4	76.6	7784.4	375.0	-34.9	-39.0	244.5	11.9	10.7	5.1	315.4	316.6	0.3	65.8	13.9	83.
25.2	80.3	8232.0	350.0	-39.2	-42.3	212.2	13.0	7.0	11.0	317.3	318.1	0.2	52.0	14.7	80.
26.9	84.3	8741.1	325.0	-42.4	-45.5	233.3	16.4	13.2	9.8	323.0	323.3	0.1	22.0	16.1	77.
28.7	88.3	9286.2	300.0	-42.4	99.9	239.8	14.7	12.7	7.4	325.7	999.9	99.9	99.9	17.7	75.
30.6	92.7	9873.9	275.0	-41.5	99.9	245.5	12.9	11.7	5.3	335.1	999.9	99.9	99.9	19.1	74.
32.8	97.2	10518.8	250.0	-42.0	99.9	246.4	16.3	14.9	6.5	343.7	999.9	99.9	99.9	21.0	73.
35.1	102.2	11230.5	225.0	-42.8	99.9	249.7	19.5	18.3	6.8	352.8	999.9	99.9	99.9	23.5	73.
37.6	107.3	12017.7	200.0	-47.0	99.9	248.9	19.6	18.3	7.1	359.3	999.9	99.9	99.9	26.4	72.
40.9	113.0	12894.2	175.0	-50.3	99.9	240.4	16.4	16.1	2.7	367.0	999.9	99.9	99.9	29.9	72.
43.9	119.0	13844.5	150.0	-54.6	99.9	239.0	17.9	17.5	3.4	376.1	999.9	99.9	99.9	32.9	73.
47.6	125.7	15053.7	125.0	-58.6	99.9	250.7	8.9	8.4	2.9	389.0	999.9	99.9	99.9	35.6	74.
51.6	133.3	16441.7	100.0	-62.2	99.9	239.6	12.6	10.8	6.4	407.6	999.9	99.9	99.9	38.1	73.
56.8	142.0	18210.4	75.0	-64.2	99.9	353.3	7.8	0.9	-7.7	438.3	999.9	99.9	99.9	40.7	73.
63.9	152.0	20733.6	50.0	-59.5	99.9	95.0	4.8	-4.7	0.4	503.3	999.9	99.9	99.9	38.8	72.
75.4	162.5	25196.8	25.0	-49.7	99.9	70.3	6.3	-5.9	-2.1	642.1	999.9	99.9	99.9	35.1	71.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE20 MAY 1979
1121 GMT

159 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'T DG K	E POT 'T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.0	180.0	993.0	18.1	17.1	180.0	2.6	0.0	2.6	291.8	324.0	12.5	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.9
0.5	9.6	338.0	975.0	20.2	17.8	999.9	99.9	99.9	99.9	295.5	330.2	13.3	86.5	999.9	999.9
1.4	11.9	563.0	950.0	20.6	13.5	999.9	98.9	99.9	99.9	298.1	325.8	10.4	64.0	999.9	999.9
2.3	14.2	794.3	925.0	20.9	12.4	999.9	98.9	99.9	99.9	300.7	327.3	9.8	57.9	999.9	999.9
3.2	16.5	1031.1	900.0	19.2	11.0	999.9	99.9	99.9	99.9	301.3	326.4	9.2	58.9	999.9	999.9
4.1	18.9	1272.6	875.0	17.1	9.5	999.9	99.9	99.9	99.9	301.6	325.0	8.6	60.7	999.9	999.9
5.0	21.3	1519.5	850.0	15.1	9.0	999.9	99.9	99.9	99.9	301.9	325.3	8.5	67.1	999.9	999.9
6.0	23.7	1771.8	825.0	12.8	9.0	999.9	99.9	99.9	99.9	302.1	326.3	8.8	78.2	999.9	999.9
7.0	26.2	2026.9	800.0	10.4	10.3	999.9	99.9	99.9	99.9	302.3	329.3	9.9	99.1	4.0	99.
7.9	29.7	2294.2	775.0	8.5	7.9	266.1	6.7	6.7	0.5	303.0	326.8	8.7	95.6	4.4	93.
9.0	31.2	2565.2	750.0	6.8	6.2	273.5	6.9	6.9	-0.4	304.0	326.1	8.0	95.8	4.9	93.
10.0	33.9	2843.6	725.0	5.2	3.6	280.2	7.1	7.0	-1.3	305.2	324.4	6.9	89.3	5.3	93.
11.1	36.4	3129.8	700.0	3.3	1.3	292.3	6.0	5.6	-2.3	306.2	323.3	6.0	86.5	5.7	94.
12.2	39.1	3424.1	675.0	1.1	-2.1	307.9	4.9	3.9	-3.0	306.9	320.9	4.9	79.2	6.0	95.
13.5	41.9	3727.1	650.0	-0.7	-4.1	308.1	6.0	4.7	-3.7	308.1	320.9	4.4	78.0	6.3	97.
14.7	44.7	4040.0	625.0	-2.3	-8.1	303.1	7.3	6.1	-4.0	309.5	319.8	3.3	64.0	6.8	99.
15.9	47.5	4363.3	600.0	-4.2	-9.7	293.1	8.4	7.7	-3.3	311.2	320.5	3.1	65.5	7.3	101.
17.2	50.4	4697.6	575.0	-6.4	-13.1	289.6	8.1	7.7	-2.7	312.5	320.5	2.5	60.4	8.0	102.
18.6	53.4	5048.6	550.0	-6.4	-18.3	283.8	7.5	7.2	-1.8	316.2	321.8	1.7	38.5	8.6	102.
20.1	56.4	5407.7	525.0	-8.7	-23.5	277.5	7.6	7.5	-1.0	318.0	321.6	1.1	28.9	9.3	102.
21.5	59.5	5784.2	500.0	-11.2	-22.3	283.1	10.9	10.6	-2.5	319.4	323.7	1.3	41.0	10.0	102.
22.9	62.6	6176.0	475.0	-13.8	-18.7	278.4	13.4	13.3	-2.0	320.9	326.8	1.8	66.3	11.2	102.
24.5	65.9	6584.8	450.0	-16.7	-22.4	270.2	11.5	11.5	-0.0	322.2	326.9	1.4	61.1	12.4	101.
26.1	69.3	7011.6	425.0	-20.2	-24.9	267.5	8.6	8.6	0.4	323.1	327.0	1.2	65.9	13.3	100.
27.9	72.8	7457.4	400.0	-24.1	-33.2	257.1	7.4	7.2	1.7	323.6	325.7	0.6	42.8	14.1	99.
29.8	76.4	7925.3	375.0	-27.3	-32.4	275.3	8.5	6.5	-0.6	325.8	327.8	0.7	61.5	14.8	98.
31.7	80.0	8418.9	350.0	-30.5	-34.1	299.0	7.5	6.6	-3.7	327.7	329.8	0.6	70.1	15.6	99.
33.7	83.9	8940.6	325.0	-35.1	-39.7	300.0	8.2	7.1	-4.1	328.3	329.6	0.4	62.5	16.5	100.
35.9	88.0	9492.8	300.0	-35.9	-44.3	293.4	10.4	9.5	-4.1	329.2	330.1	0.2	62.3	17.5	101.
38.0	92.2	10080.8	275.0	-45.1	99.9	304.3	18.7	15.4	-10.5	330.0	999.9	99.9	99.9	19.1	103.
40.2	96.7	10711.7	250.0	-49.8	99.9	305.8	28.7	23.2	-16.8	332.0	999.9	99.9	99.9	22.2	106.
42.8	101.5	11391.8	225.0	-55.7	99.9	302.8	35.6	29.5	-19.3	333.1	999.9	99.9	99.9	27.0	109.
45.5	106.6	12133.9	200.0	-60.7	99.9	317.1	43.4	29.5	-31.6	336.7	999.9	99.9	99.9	32.9	113.
48.8	112.2	12960.6	175.0	-60.6	99.9	326.9	34.9	19.1	-29.2	349.9	999.9	99.9	99.9	40.8	119.
52.0	118.2	13822.7	150.0	-63.0	99.9	309.8	16.9	13.0	-10.8	361.6	999.9	99.9	99.9	44.6	122.
56.2	125.0	15039.5	125.0	-61.3	99.9	303.9	15.3	12.7	-8.5	384.0	999.9	99.9	99.9	49.0	121.
61.2	132.7	16422.0	100.0	-63.2	99.9	301.0	9.2	7.9	-4.8	405.7	999.9	99.9	99.9	52.1	122.
68.0	141.3	18194.0	75.0	-61.9	99.9	287.0	6.2	5.5	-1.8	433.2	999.9	99.9	99.9	55.3	121.
76.8	151.3	20743.2	50.0	-54.3	99.9	218.9	3.0	1.9	2.3	515.6	999.9	99.9	99.9	54.1	121.
90.1	162.0	25200.3	25.0	-51.4	99.9	81.4	8.6	-8.5	-1.3	636.8	999.9	99.9	99.9	51.3	124.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

20 MAY 1979
1405 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEB PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.3	180.0	993.0	21.9	19.8	190.0	2.1	0.0	2.1	295.7	334.2	14.9	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	8.9	338.9	975.0	20.7	17.3	999.9	99.9	99.9	99.9	296.0	329.7	13.9	81.0	999.9	999.9
1.3	11.3	564.2	950.0	21.8	13.8	999.9	99.9	99.9	99.9	299.3	327.6	10.6	60.5	999.9	999.9
2.2	13.7	795.9	925.0	20.9	12.8	999.9	99.9	99.9	99.9	300.7	328.0	10.1	59.5	0.8	86.
3.1	16.2	1032.4	900.0	18.9	11.2	276.3	6.8	6.8	-0.7	301.0	326.4	9.3	60.6	1.2	88.
3.9	18.5	1273.8	875.0	16.9	9.7	272.6	7.1	7.1	-0.3	301.2	325.0	8.7	62.6	1.5	90.
4.8	21.1	1520.4	850.0	14.8	9.0	267.6	6.6	6.6	0.3	301.7	325.0	8.5	68.1	1.9	90.
5.7	23.6	1772.6	825.0	13.2	6.0	244.8	5.7	5.2	2.4	302.6	322.3	7.1	61.3	2.2	89.
6.7	26.2	2031.1	800.0	11.6	7.0	232.4	7.1	5.6	4.3	303.6	325.5	7.9	73.3	2.5	84.
7.7	28.8	2296.2	775.0	9.4	6.6	236.2	8.5	7.1	4.8	304.0	325.9	7.9	82.3	2.9	79.
8.7	31.3	2568.2	750.0	8.2	3.4	243.3	9.3	8.3	4.2	305.5	324.0	6.6	71.9	3.5	76.
9.7	34.1	2847.7	725.0	6.4	1.2	251.6	7.4	7.1	2.3	306.4	323.0	5.8	69.7	4.0	75.
10.8	36.7	3138.2	700.0	4.9	-0.6	263.6	6.9	6.9	0.8	308.0	323.2	5.3	67.5	4.4	75.
11.8	39.4	3431.2	675.0	2.8	-3.2	271.3	9.9	9.9	-0.2	308.6	321.9	4.5	64.2	4.9	77.
12.9	42.2	3735.9	650.0	0.7	-5.5	274.3	12.1	12.0	-0.9	309.7	321.3	3.9	63.2	5.6	79.
14.3	45.0	4049.5	625.0	-2.1	-4.3	277.9	11.3	11.2	-1.6	310.1	323.2	4.5	64.6	6.4	81.
15.2	48.0	4373.2	600.0	-4.4	-9.5	279.0	10.8	10.7	-1.7	311.0	320.4	3.1	67.5	7.1	83.
16.4	50.9	4708.7	575.0	-4.8	-12.5	268.1	10.6	10.6	0.4	314.4	322.3	2.6	54.7	7.9	84.
17.7	54.0	5057.4	550.0	-5.8	-17.9	260.3	9.6	9.5	1.6	317.3	322.7	1.7	37.7	8.6	84.
18.9	57.0	5420.3	525.0	-8.6	-16.6	259.6	9.7	9.5	1.8	318.1	324.5	2.0	52.0	9.3	84.
20.3	60.3	5796.7	500.0	-12.0	-14.4	257.6	11.9	11.6	2.6	318.4	326.3	2.5	82.1	10.2	83.
21.7	63.4	6187.6	475.0	-14.4	-16.8	264.9	13.7	13.6	1.2	320.1	327.0	2.2	82.4	11.3	83.
23.1	66.9	6596.5	450.0	-16.3	-19.0	278.0	13.0	12.9	-1.8	322.8	328.8	1.9	79.9	12.5	84.
24.4	70.3	7024.2	425.0	-19.3	-22.6	269.7	10.0	10.0	0.1	324.3	329.1	1.5	74.9	13.3	85.
25.7	73.9	7472.8	400.0	-22.4	-25.8	262.9	9.4	9.3	1.2	325.8	329.8	1.2	73.9	14.1	84.
27.2	77.5	7944.0	375.0	-25.8	-29.7	269.4	8.4	8.4	0.1	327.4	330.4	0.9	69.7	14.8	85.
28.8	81.3	8440.0	350.0	-29.8	-34.1	273.4	11.6	11.5	-0.7	328.6	330.7	0.6	66.1	15.7	85.
30.5	85.3	8963.8	325.0	-34.3	-38.0	281.6	15.4	15.1	-3.1	329.4	331.0	0.4	68.5	17.1	86.
32.2	89.3	9518.5	300.0	-38.9	-43.2	293.3	17.5	16.1	-6.9	330.5	331.6	0.3	63.4	18.7	88.
34.0	93.7	10109.2	275.0	-43.9	-49.9	300.1	19.3	16.7	-9.7	331.6	999.9	99.9	99.9	20.3	91.
35.8	98.3	10741.7	250.0	-49.2	-59.9	300.7	23.7	20.4	-12.1	333.0	999.9	99.9	99.9	22.5	94.
37.7	103.2	11424.1	225.0	-55.1	-69.9	309.3	26.9	20.8	-17.0	334.1	999.9	99.9	99.9	24.9	97.
39.9	109.4	12165.6	200.0	-61.2	-79.9	313.5	30.7	22.3	-21.2	335.9	999.9	99.9	99.9	28.1	101.
42.3	114.0	12994.7	175.0	-60.4	-89.9	331.0	26.4	12.8	-23.0	350.3	999.9	99.9	99.9	31.6	107.
45.0	120.2	13954.3	150.0	-61.9	-99.9	314.7	13.2	9.4	-9.3	353.4	999.9	99.9	99.9	33.6	110.
47.9	125.7	15068.8	125.0	-64.8	-99.9	296.0	14.7	13.2	-6.4	377.6	999.9	99.9	99.9	36.0	110.
51.6	134.3	16439.1	100.0	-63.0	-99.9	290.4	9.3	8.7	-3.2	406.1	999.9	99.9	99.9	38.5	111.
56.5	143.0	18212.5	75.0	-61.1	-99.9	246.2	4.6	4.4	1.9	444.9	999.9	99.9	99.9	40.6	110.
63.8	152.7	20767.4	50.0	-54.8	-99.9	91.1	2.8	-2.8	0.1	514.2	999.9	99.9	99.9	40.2	110.
75.0	163.0	25219.0	25.0	-50.2	-99.9	107.2	9.1	-8.7	2.7	640.2	999.9	99.9	99.9	36.4	112.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
 NASHVILLE, TENNESSEE

 20 MAY 1979
 1705 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	160.0	993.6	24.2	18.2	260.0	1.5	1.5	0.3	297.9	333.1	13.3	69.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	9.5	345.5	975.0	22.5	17.5	201.8	3.0	0.7	1.8	297.6	332.1	13.0	73.2	0.1	32.
1.5	11.7	571.5	950.0	21.5	16.5	230.7	3.4	2.7	2.2	299.0	329.2	11.3	66.2	0.2	35.
2.4	14.1	802.6	925.0	19.7	15.1	245.2	5.7	5.2	3.4	299.5	331.0	11.8	74.9	0.5	49.
3.4	16.4	1038.6	900.0	18.1	13.4	240.1	6.0	5.2	3.0	300.2	329.3	10.8	78.1	0.8	57.
4.3	18.8	1279.5	875.0	16.0	12.0	231.6	5.6	4.4	3.5	300.4	327.8	10.1	77.0	1.1	56.
5.2	21.1	1525.7	850.0	14.4	9.8	229.7	5.2	4.0	3.4	301.2	325.7	9.0	74.0	1.4	55.
6.2	23.6	1777.6	825.0	12.8	5.4	223.5	7.1	4.9	5.2	302.1	321.3	6.9	61.3	1.8	53.
7.3	26.0	2035.7	800.0	12.1	-3.2	245.9	8.8	8.0	3.6	303.1	315.0	3.8	34.1	2.3	53.
8.3	28.5	2300.8	775.0	9.9	-1.6	253.3	9.8	9.4	2.8	304.4	317.1	4.4	44.6	2.8	57.
9.2	31.0	2572.1	750.0	7.4	0.1	255.3	11.3	10.5	2.9	304.6	319.2	5.2	59.9	3.4	60.
10.4	33.6	2851.0	725.0	6.1	-0.7	251.6	14.3	13.5	4.5	306.1	320.5	5.0	61.7	4.2	63.
11.5	36.2	3137.8	700.0	4.2	-2.2	247.0	17.3	15.9	6.8	307.1	320.7	4.7	63.3	5.3	64.
12.6	38.9	3432.6	675.0	1.5	-2.9	244.4	18.8	17.0	8.1	307.4	320.7	4.6	72.4	6.4	64.
13.7	41.6	3735.9	650.0	-1.0	-5.3	239.9	19.5	16.9	9.8	307.8	319.5	4.0	72.7	7.7	64.
14.9	44.4	4048.0	625.0	-3.2	-4.5	233.6	21.0	18.8	9.3	308.8	321.7	4.4	90.5	9.2	63.
16.1	47.2	4371.4	600.0	-3.7	-3.7	234.6	21.8	21.0	5.8	311.2	326.1	4.9	100.3	10.7	64.
17.3	50.1	4767.5	575.0	-4.6	-4.6	229.2	18.8	18.5	3.5	314.6	328.7	4.7	100.2	12.2	66.
18.8	53.0	5056.8	550.0	-6.7	-6.7	223.1	15.4	15.3	1.8	316.2	328.9	4.2	100.1	13.6	67.
20.2	56.0	5420.0	525.0	-8.2	-8.7	213.4	14.3	14.3	-0.9	318.6	330.3	3.8	96.0	14.8	69.
21.8	59.1	5757.7	500.0	-10.6	-11.2	210.3	12.5	12.4	-1.4	320.2	330.3	3.2	94.8	15.9	71.
23.3	62.3	6191.3	475.0	-12.7	-16.7	200.5	11.9	11.7	-2.2	322.2	329.2	2.2	71.8	17.0	73.
25.1	65.5	6602.1	450.0	-15.4	-19.6	202.2	11.9	11.0	-4.5	323.9	329.8	1.8	70.0	18.0	75.
26.7	69.9	7031.3	425.0	-18.4	-25.2	205.2	12.5	11.3	-5.3	325.4	330.5	1.5	73.5	19.0	77.
28.4	72.3	7481.5	400.0	-21.5	-25.8	209.3	12.3	11.1	-5.2	327.0	331.0	1.2	68.3	20.0	80.
30.3	75.9	7954.2	375.0	-25.3	-35.2	209.3	13.4	11.7	-6.6	328.1	329.8	0.5	35.4	21.1	82.
32.2	79.7	8451.3	350.0	-28.8	-38.6	209.1	14.5	12.7	-7.0	329.9	331.3	0.4	38.3	22.4	84.
34.1	83.5	8977.7	325.0	-32.6	-39.8	203.2	17.8	16.3	-7.0	331.7	333.1	0.4	48.4	24.0	87.
36.1	87.5	9536.2	300.0	-37.3	-50.8	203.3	18.6	17.1	-7.4	333.8	333.3	0.1	22.6	25.9	89.
38.3	91.8	10130.4	275.0	-42.8	-59.9	204.5	21.9	19.9	-9.1	333.3	999.9	99.9	999.9	28.3	91.
40.6	96.2	10766.1	250.0	-48.0	99.9	300.2	22.8	19.7	-11.5	334.6	999.9	99.9	999.9	31.1	94.
43.3	101.0	11451.6	225.0	-53.7	99.9	298.7	32.1	28.1	-15.4	336.2	999.9	99.9	999.9	34.9	97.
45.9	106.0	12197.1	200.0	-60.1	99.9	298.6	39.6	34.8	-19.0	337.6	999.9	99.9	999.9	40.4	100.
48.7	111.6	13031.1	175.0	-58.7	99.9	306.4	25.5	20.5	-15.1	333.1	999.9	99.9	999.9	45.9	102.
51.9	117.7	13985.3	150.0	-63.9	99.9	298.8	13.2	11.6	-6.4	360.0	999.9	99.9	999.9	49.0	104.
55.3	124.3	15094.9	125.0	-65.6	99.9	276.2	15.5	15.4	-1.7	376.2	999.9	99.9	999.9	51.2	104.
59.8	132.0	16471.2	100.0	-62.5	99.9	288.3	12.3	11.7	-3.9	407.1	999.9	99.9	999.9	55.6	104.
65.3	140.7	18249.9	75.0	-61.0	99.9	281.7	4.6	4.5	-0.9	445.1	999.9	99.9	999.9	57.8	105.
73.1	150.5	20811.3	50.0	-56.6	99.9	235.9	4.2	3.5	2.3	510.2	999.9	99.9	999.9	58.1	104.
86.3	161.5	25288.4	25.0	-49.7	99.9	169.3	4.9	-0.9	4.9	642.0	999.9	99.9	999.9	54.1	103.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

20 MAY 1979
2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	180.0	992.3	25.0	20.5	270.0	3.6	3.6	0.0	298.2	339.5	15.5	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.6	9.8	334.0	975.0	22.2	17.6	999.9	99.9	99.9	99.9	297.5	332.2	13.2	75.3	999.9	999.9
1.4	12.1	560.1	950.0	20.7	16.7	999.9	99.9	99.9	99.9	298.2	331.9	12.8	78.2	999.9	999.9
2.3	14.5	798.6	925.0	18.6	16.2	245.5	7.2	6.5	3.0	298.4	331.6	12.6	85.6	0.8	78.
3.3	16.9	1025.6	900.0	16.5	15.2	236.9	8.8	7.3	4.8	298.5	330.8	12.2	92.1	1.3	72.
4.1	19.4	1265.6	875.0	14.7	13.5	237.7	9.7	8.2	5.2	299.1	329.0	11.2	92.3	1.7	66.
4.9	21.8	1510.9	850.0	13.0	12.0	242.6	10.2	9.1	4.7	299.8	327.8	10.4	93.2	2.2	65.
5.8	24.3	1761.9	825.0	11.1	10.0	247.8	10.3	9.5	3.9	300.3	325.9	9.4	93.2	2.8	65.
6.8	26.8	2018.7	800.0	9.6	8.1	254.7	10.7	10.3	2.8	301.4	321.9	7.4	78.7	3.4	66.
7.9	29.3	2282.0	775.0	8.2	4.5	249.1	13.1	12.2	4.7	302.6	321.7	6.9	77.9	4.2	68.
9.0	31.9	2552.5	750.0	7.0	2.7	247.4	16.2	14.9	6.2	304.2	321.8	6.2	74.2	5.1	68.
10.1	34.6	2831.0	725.0	5.2	-0.1	251.7	19.2	18.2	6.0	305.2	320.2	5.3	68.3	6.3	68.
11.2	37.3	3116.9	700.0	3.2	-2.9	255.4	21.8	21.1	5.5	306.1	318.8	4.4	64.8	7.6	69.
12.3	40.0	3411.4	675.0	2.1	-5.9	255.0	21.5	20.8	5.6	308.9	318.7	3.6	55.4	9.1	70.
13.4	42.9	3715.4	650.0	-0.1	-3.0	257.0	21.3	20.7	5.2	310.1	324.4	4.9	93.3	10.5	71.
14.6	45.7	4028.9	625.0	-2.1	-4.8	261.1	20.1	19.9	4.9	312.0	325.2	4.5	91.4	12.1	71.
15.8	48.6	4353.1	600.0	-3.6	-6.1	267.9	17.4	17.3	3.1	312.0	325.2	4.2	97.9	13.6	72.
17.1	51.6	4688.6	575.0	-5.8	-8.8	281.4	14.3	14.0	0.6	313.2	325.8	4.2	97.9	15.0	73.
18.4	54.5	5036.2	550.0	-7.6	-12.7	284.6	12.5	12.1	-2.8	315.1	326.0	3.6	91.0	16.2	75.
19.9	57.6	5397.8	525.0	-8.9	-14.9	280.7	12.4	12.1	-3.1	317.6	326.3	2.7	73.5	17.2	77.
21.4	60.8	5774.8	500.0	-11.0	-17.9	276.9	11.3	11.2	-2.3	319.7	327.3	2.4	72.4	18.2	78.
23.0	64.0	6167.2	475.0	-13.2	-17.9	276.9	11.3	11.2	-1.4	321.7	328.1	2.0	67.5	19.2	80.
24.5	67.3	6577.4	450.0	-15.9	-20.6	276.3	12.0	12.0	-1.3	323.2	328.6	1.6	67.1	20.3	80.
26.2	70.7	7005.8	425.0	-18.8	-23.1	276.9	10.0	9.9	-1.2	324.9	329.6	1.4	68.7	21.3	81.
27.8	74.3	7455.0	400.0	-21.8	-26.4	273.1	11.0	11.0	-0.6	326.6	330.4	1.1	66.1	22.3	82.
29.6	78.0	7927.3	375.0	-25.1	-31.2	284.0	16.3	15.8	-4.0	328.4	331.0	0.7	56.3	23.6	83.
31.5	81.7	8425.1	350.0	-28.6	-33.7	290.9	20.3	19.0	-7.2	330.2	332.5	0.6	61.1	25.5	85.
33.3	85.7	8951.6	325.0	-32.8	-38.2	287.7	20.5	19.5	-6.2	331.5	333.0	0.4	58.0	27.7	87.
35.2	89.8	9509.8	300.0	-37.4	-42.5	288.1	19.1	18.2	-5.9	332.6	333.7	0.3	58.3	29.8	88.
37.4	94.2	10103.8	275.0	-42.6	-49.9	291.4	18.3	17.0	-6.7	333.5	333.7	0.3	58.3	32.0	90.
39.8	99.0	10739.8	250.0	-48.0	-59.9	288.3	22.4	21.3	-7.0	334.7	334.7	0.3	58.3	34.6	92.
42.2	103.8	11425.7	225.0	-53.8	-69.9	281.7	26.8	26.3	-5.4	336.1	334.7	0.3	58.3	38.2	94.
44.7	107.2	12170.1	200.0	-61.0	-79.9	269.7	31.1	29.3	-10.5	336.1	334.7	0.3	58.3	42.3	96.
47.5	115.0	12993.5	175.0	-62.9	-89.9	300.0	31.4	27.2	-15.7	346.1	334.7	0.3	58.3	47.9	97.
50.8	121.2	13944.7	150.0	-64.4	-99.9	290.5	17.7	16.5	-6.2	359.2	334.7	0.3	58.3	51.9	98.
54.5	136.2	15047.2	125.0	-68.7	-99.9	278.4	17.6	17.4	-2.8	370.6	334.7	0.3	58.3	55.6	99.
59.0	156.0	16411.4	100.0	-64.1	-99.9	282.6	14.2	13.9	-3.1	404.8	334.7	0.3	58.3	60.1	99.
64.7	145.0	18180.1	75.0	-62.9	-99.9	275.7	4.5	4.5	-0.4	441.1	334.7	0.3	58.3	63.0	99.
72.7	155.3	20725.8	50.0	-57.4	-99.9	181.7	2.8	8.1	2.8	508.3	334.7	0.3	58.3	63.2	99.
86.0	166.0	25186.5	25.0	-51.8	-99.9	999.9	99.9	99.9	99.9	635.7	334.7	0.3	58.3	60.4	98.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
 NASHVILLE, TENNESSEE

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ -DG
20 MAY 1979															
2300 GMT															
0.0	7.6	180.0	991.2	20.2	18.3	90.0	1.0	-1.0	0.0	294.1	329.1	13.5	89.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	8.9	322.1	975.0	18.6	16.9	999.9	99.9	99.9	99.9	293.8	326.3	12.6	90.2	999.9	999.9
1.3	11.0	545.6	950.0	19.4	18.3	999.9	99.9	99.9	99.9	296.5	325.6	10.9	72.5	999.9	999.9
2.2	13.2	775.3	925.0	18.0	16.2	261.1	8.7	8.6	1.3	297.7	331.0	12.6	89.4	0.6	11.1
3.2	15.4	1010.1	900.0	16.5	15.3	247.4	10.5	9.7	4.0	298.5	331.1	12.3	92.8	1.0	92.0
4.1	17.6	1250.1	875.0	14.7	13.1	250.9	10.6	10.0	3.5	299.1	328.4	11.0	90.0	1.6	82.0
4.9	19.8	1495.3	850.0	13.2	10.0	261.1	12.2	12.1	1.9	300.0	324.7	9.1	81.1	2.1	81.0
5.9	22.1	1746.4	825.0	11.9	6.6	266.5	16.1	16.0	1.0	301.2	321.6	7.4	69.8	3.0	82.0
6.8	24.4	2003.9	800.0	10.5	5.1	270.9	18.1	18.1	-0.3	302.3	321.5	6.9	69.2	4.0	84.0
7.8	26.7	2268.4	775.0	9.5	4.6	278.8	15.5	15.4	-2.4	304.0	323.3	6.9	71.4	4.9	86.0
8.8	29.0	2535.7	750.0	7.0	4.1	278.1	15.5	15.4	-2.2	304.2	323.4	6.9	81.6	5.8	88.0
9.9	31.4	2818.2	725.0	5.0	3.2	276.6	17.7	17.6	-2.0	305.0	323.8	6.7	88.3	6.9	89.0
11.0	33.9	3103.9	700.0	2.8	1.5	280.2	20.5	20.2	-3.6	305.6	322.9	6.1	90.9	8.1	91.0
12.0	36.3	3398.6	675.0	1.9	0.7	275.6	19.2	19.1	-1.9	307.8	324.9	6.0	92.2	9.4	92.0
13.3	38.9	3702.7	650.0	0.3	-0.6	271.7	17.4	17.4	-0.5	309.3	325.7	5.6	93.2	10.7	92.0
14.6	41.4	4017.3	625.0	-1.1	-2.7	277.2	17.5	17.4	-2.2	311.2	326.0	5.0	88.8	12.1	92.0
15.9	44.0	4342.1	600.0	-3.0	-4.6	281.4	19.3	18.9	-3.8	312.6	326.1	4.5	89.1	13.5	93.0
17.2	46.7	4678.3	575.0	-5.6	-6.4	284.1	19.5	18.9	-4.7	313.2	325.8	4.1	94.1	15.1	94.0
19.6	49.4	5026.1	550.0	-7.7	-8.4	283.3	17.2	16.7	-3.9	314.9	326.1	3.7	94.8	16.6	95.0
19.9	52.2	5366.8	525.0	-10.4	-12.6	275.0	16.6	16.4	-2.6	315.9	324.7	2.8	85.6	17.8	95.0
21.3	55.1	5742.8	500.0	-10.6	-17.5	277.0	17.5	17.3	-2.1	320.1	326.3	1.9	96.6	19.2	95.0
22.8	58.0	6155.3	475.0	-13.3	-22.8	281.9	19.2	18.8	-4.0	321.5	325.7	1.3	44.5	20.9	96.0
24.3	61.0	6567.0	450.0	-14.3	-25.0	287.0	18.0	17.2	-5.3	325.3	325.4	0.0	1.0	22.6	96.0
26.0	64.1	6997.4	425.0	-17.7	-37.7	283.4	19.1	17.5	-7.6	326.2	326.4	0.0	1.6	24.4	97.0
27.8	67.3	7448.3	400.0	-21.0	-51.2	300.4	20.5	17.7	-10.4	327.7	328.0	0.1	4.6	25.3	99.0
29.5	70.5	7926.9	375.0	-25.4	-49.5	299.9	22.2	19.2	-11.1	328.0	328.4	0.1	6.3	25.4	101.0
31.6	74.0	8416.9	350.0	-29.3	-54.5	294.1	21.4	19.5	-8.8	329.2	329.5	0.1	6.6	31.1	102.0
33.8	77.6	8942.3	325.0	-32.9	-71.1	296.0	21.2	19.0	-9.3	331.3	331.4	0.0	1.0	33.6	103.0
35.9	81.2	9500.4	300.0	-37.0	-79.8	281.4	20.2	18.8	-7.3	333.3	333.3	0.0	1.0	36.4	104.0
37.9	85.0	10095.6	275.0	-42.1	-99.9	286.1	22.1	21.3	-6.1	334.3	334.3	99.9	999.9	38.8	104.0
40.0	89.2	10733.2	250.0	-47.4	-99.9	290.9	26.8	25.0	-5.6	335.6	335.6	99.9	999.9	41.9	104.0
42.4	93.4	11420.7	225.0	-53.2	-99.9	296.2	31.1	27.9	-13.7	337.8	337.8	99.9	999.9	46.2	105.0
45.4	98.0	12169.1	200.0	-59.0	-99.9	292.2	31.1	28.8	-11.7	339.3	339.3	99.9	999.9	51.6	106.0
49.6	103.0	12954.2	175.0	-65.3	-99.9	290.1	32.3	30.3	-11.1	342.1	342.1	99.9	999.9	57.4	107.0
51.8	109.5	13930.0	150.0	-64.9	-99.9	295.8	28.3	23.7	-11.5	355.4	355.4	99.9	999.9	63.7	107.0
55.4	114.5	15036.6	125.0	-67.5	-99.9	277.8	21.2	21.0	-2.9	378.4	378.4	99.9	999.9	67.6	107.0
59.9	121.2	16405.3	100.0	-60.9	-99.9	298.0	16.8	14.8	-2.9	410.1	410.1	99.9	999.9	73.6	107.0
65.2	129.0	18173.3	75.0	-65.1	-99.9	293.8	6.0	5.5	-2.4	438.3	438.3	99.9	999.9	76.5	108.0
72.8	138.3	20767.7	50.0	-58.4	-99.9	274.3	4.7	4.7	-0.3	508.8	508.8	99.9	999.9	77.5	107.0
84.1	149.5	25148.4	25.0	-52.2	-99.9	999.9	99.9	99.9	99.9	634.7	634.7	99.9	999.9	74.3	108.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

21 MAY 1979
200 GMT

TIME MIN	CHCT	HEIGHT CM	AGES MS	TEMP DE C	DEW PT DE C	DIR DE	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DE K	E POT Y DE K	MX RTD CM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.2	180.0	592.0	19.0	19.0	240.0	2.1	1.0	1.1	293.2	330.4	14.5	99.9	0.0	0.
9.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	9.8	328.9	975.0	17.0	17.0	999.9	99.9	99.9	99.9	293.1	325.7	12.6	95.1	999.9	999.9
1.4	12.3	531.6	950.0	17.5	16.0	999.9	99.9	99.9	99.9	294.9	328.3	12.0	95.9	999.9	999.9
2.2	14.8	788.0	925.0	16.2	15.5	999.9	99.9	99.9	99.9	295.5	327.7	12.1	95.0	999.9	999.9
3.2	17.3	1013.5	900.0	15.2	14.5	250.0	9.4	9.2	1.8	297.2	326.0	11.7	95.9	1.1	98.
4.3	19.9	1232.4	875.0	13.6	12.0	247.1	11.1	10.2	4.3	297.9	326.4	10.7	95.4	1.7	98.
5.3	22.4	1457.0	850.0	12.2	11.3	243.0	10.0	9.0	4.4	298.9	325.6	10.0	94.2	2.3	81.
6.3	25.0	1747.4	825.0	11.2	10.4	232.0	7.5	7.2	2.3	300.4	325.5	9.7	94.0	2.8	70.
7.2	27.6	2004.5	800.0	9.6	8.6	263.5	6.9	6.9	0.8	301.2	325.4	8.8	93.8	3.2	78.
8.1	30.3	2262.1	775.0	8.1	7.4	200.0	7.1	7.0	-1.3	302.6	325.7	8.4	95.4	3.6	80.
9.1	33.0	2530.8	750.0	6.7	6.0	277.7	7.1	7.0	-1.0	303.0	325.6	7.8	95.3	4.0	82.
10.1	35.8	2817.4	725.0	5.5	5.5	266.0	7.3	7.3	0.5	305.5	326.5	7.5	95.4	4.4	83.
11.2	38.6	3100.1	700.0	3.7	3.0	250.3	8.5	8.3	1.7	306.0	325.9	6.8	95.1	4.9	83.
12.3	41.4	3399.3	675.0	2.2	1.4	250.9	9.9	9.7	1.9	308.1	326.2	6.3	94.7	5.5	82.
13.4	44.3	3703.7	650.0	0.3	-0.5	264.5	11.5	11.4	1.1	309.3	325.0	5.7	94.0	6.2	82.
14.6	47.3	4010.5	625.0	-0.6	-1.4	272.7	13.2	13.2	-0.6	311.8	320.0	5.6	94.6	7.1	83.
15.7	50.3	4304.5	600.0	-2.0	-2.0	279.6	13.4	13.2	-0.2	313.0	320.2	5.2	94.4	7.9	84.
16.8	53.4	4602.4	575.0	-3.9	-4.7	284.5	14.5	14.0	-3.6	315.5	320.5	4.7	94.1	8.8	86.
18.1	56.5	4932.0	550.0	-5.7	-6.6	290.0	16.4	15.5	-5.6	317.3	330.3	4.3	93.6	10.0	89.
19.4	59.6	5352.3	525.0	-7.8	-8.9	297.0	18.0	14.6	-7.4	316.5	321.5	1.5	43.5	11.2	92.
20.5	62.6	5769.3	500.0	-12.0	-12.2	299.9	19.0	10.0	-7.9	317.2	320.8	1.0	34.3	12.4	94.
21.7	65.9	6267.6	450.0	-17.5	-18.1	298.5	16.4	14.4	-7.0	321.3	322.4	0.3	14.6	15.0	99.
22.9	69.0	6763.9	425.0	-23.1	-23.1	298.0	19.5	10.4	-6.3	323.2	325.6	0.2	11.2	18.3	102.
24.0	72.0	7260.5	400.0	-29.1	-29.1	293.5	20.1	17.1	-6.8	327.0	327.1	0.0	1.0	20.2	102.
25.2	75.3	7760.0	375.0	-30.3	-30.3	293.5	20.1	10.4	-6.0	327.5	327.9	0.0	1.0	22.1	103.
26.3	78.6	8260.0	350.0	-33.9	-33.9	291.9	23.0	21.2	-13.2	329.9	330.0	0.0	3.3	24.3	105.
27.4	81.9	8760.0	325.0	-38.0	-38.0	297.0	30.3	26.9	-14.1	331.0	331.9	0.0	6.8	27.6	107.
28.5	85.2	9260.0	300.0	-41.9	-41.9	295.1	31.4	20.4	-13.3	334.5	339.9	99.9	999.9	31.0	108.
29.6	88.5	9760.0	275.0	-45.6	-45.6	290.0	30.9	27.5	-13.9	336.7	339.9	99.9	999.9	36.2	109.
30.7	91.8	10260.0	250.0	-49.0	-49.0	296.0	34.0	30.5	-14.9	338.0	339.9	99.9	999.9	40.9	110.
31.8	95.1	10760.0	225.0	-52.0	-52.0	295.2	36.0	32.6	-15.4	340.4	339.9	99.9	999.9	46.7	110.
32.9	98.4	11260.0	200.0	-56.3	-56.3	295.2	36.0	31.8	-15.1	341.9	339.9	99.9	999.9	53.0	111.
34.0	101.7	11760.0	175.0	-60.5	-60.5	293.9	34.0	29.0	-15.1	351.2	339.9	99.9	999.9	59.5	111.
35.1	105.0	12260.0	150.0	-64.7	-64.7	290.2	29.9	25.0	-15.1	351.2	339.9	99.9	999.9	64.3	112.
36.2	108.3	12760.0	125.0	-68.2	-68.2	291.5	22.1	21.6	-15.1	375.2	339.9	99.9	999.9	70.2	111.
37.3	111.6	13260.0	100.0	-72.0	-72.0	293.4	12.6	10.5	-15.1	400.0	339.9	99.9	999.9	72.4	111.
38.4	114.9	13760.0	75.0	-75.0	-75.0	293.4	4.9	4.4	-15.1	439.2	339.9	99.9	999.9	72.2	111.
39.5	118.2	14260.0	50.0	-77.0	-77.0	293.4	4.1	-0.0	-15.1	509.2	339.9	99.9	999.9	72.2	111.
40.6	121.5	14760.0	25.0	-79.0	-79.0	293.4	99.9	99.9	-15.1	633.2	339.9	99.9	999.9	68.7	113.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE ON TYPE WAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
 NASHVILLE, TENNESSEE

 21 MAY 1979
 505 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KN	AZ DG
0.0	7.2	180.0	591.9	19.0	18.7	999.9	99.9	99.9	99.9	292.2	328.4	13.8	98.0	129	61.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.4	9.6	328.1	975.0	18.0	17.5	999.9	99.9	99.9	99.9	293.3	328.9	13.0	96.6	999.9	999.9
1.2	10.8	551.0	550.0	17.2	16.7	999.9	99.9	99.9	99.9	294.7	327.8	12.7	96.6	999.9	999.9
2.0	12.9	779.6	925.0	17.3	16.5	999.9	99.9	99.9	99.9	297.1	331.0	12.9	95.0	999.9	999.9
2.7	15.1	1014.2	900.0	16.7	15.0	999.9	99.9	99.9	99.9	298.7	330.7	12.1	90.2	999.9	999.9
3.6	17.3	1254.3	875.0	14.8	13.6	999.9	99.9	99.9	99.9	299.2	329.3	11.3	92.2	999.9	999.9
4.3	19.5	1499.6	850.0	12.9	12.2	999.9	99.9	99.9	99.9	299.7	328.1	10.6	95.2	999.9	999.9
5.1	21.8	1750.5	825.0	11.1	10.3	999.9	99.9	99.9	99.9	300.3	326.3	9.6	95.1	999.9	999.9
5.9	24.1	2007.4	800.0	9.9	8.8	999.9	99.9	99.9	99.9	301.7	323.2	7.8	81.1	999.9	999.9
6.7	26.4	2272.1	775.0	9.8	8.4	999.9	99.9	99.9	99.9	304.4	329.2	9.0	90.8	999.9	999.9
7.6	28.7	2544.3	750.0	8.0	6.9	999.9	99.9	99.9	99.9	305.2	328.6	8.4	93.3	999.9	999.9
8.5	31.2	2824.1	725.0	6.6	5.5	999.9	99.9	99.9	99.9	306.7	328.7	7.9	92.8	999.9	999.9
9.3	33.6	3112.1	700.0	5.0	2.6	999.9	99.9	99.9	99.9	308.0	326.9	6.6	84.5	999.9	999.9
10.2	36.1	3408.2	675.0	2.5	1.2	999.9	99.9	99.9	99.9	308.4	326.3	6.2	91.4	999.9	999.9
11.1	38.6	3712.6	650.0	-0.2	-1.0	999.9	99.9	99.9	99.9	308.8	326.6	5.5	94.3	999.9	999.9
12.2	41.2	4025.8	625.0	-1.6	-8.3	999.9	99.9	99.9	99.9	310.6	326.5	3.3	60.9	999.9	999.9
13.1	43.8	4350.6	600.0	-2.0	-36.3	999.9	99.9	99.9	99.9	313.8	315.0	0.4	6.5	999.9	999.9
14.1	46.5	4687.8	575.0	-3.5	-39.0	999.9	99.9	99.9	99.9	315.9	317.4	0.4	8.4	999.9	999.9
15.2	49.2	5037.8	550.0	-5.5	-25.9	999.9	99.9	99.9	99.9	317.6	320.5	0.9	19.2	999.9	999.9
16.2	52.0	5401.3	525.0	-7.8	-18.4	999.9	99.9	99.9	99.9	319.0	324.5	1.7	42.2	999.9	999.9
17.3	55.9	5778.8	500.0	-9.7	-53.2	999.9	99.9	99.9	99.9	321.2	321.5	0.1	2.7	999.9	999.9
18.5	57.9	6172.2	475.0	-12.6	-57.9	999.9	99.9	99.9	99.9	322.3	322.5	0.0	1.0	999.9	999.9
19.6	60.9	6582.6	450.0	-15.5	-52.6	999.9	99.9	99.9	99.9	323.6	324.0	0.1	2.6	999.9	999.9
20.7	63.0	7011.8	425.0	-18.1	-61.4	999.9	99.9	99.9	99.9	325.8	325.8	0.0	1.0	999.9	999.9
21.9	67.3	7462.2	400.0	-21.5	-63.6	999.9	99.9	99.9	99.9	327.1	327.2	0.0	1.0	999.9	999.9
23.1	70.6	7934.4	375.0	-25.2	-66.0	999.9	99.9	99.9	99.9	328.2	328.3	0.0	1.0	999.9	999.9
24.4	74.0	8431.0	350.0	-29.3	-68.7	999.9	99.9	99.9	99.9	329.2	329.3	0.0	1.0	999.9	999.9
25.6	77.6	8955.1	325.0	-34.2	-72.0	999.9	99.9	99.9	99.9	329.5	329.5	0.0	1.0	999.9	999.9
27.1	81.3	9509.6	300.0	-38.5	-59.3	999.9	99.9	99.9	99.9	331.1	331.3	0.0	10.2	999.9	999.9
28.6	85.2	10103.4	275.0	-42.4	-59.9	999.9	99.9	99.9	99.9	333.8	333.8	99.9	999.9	999.9	999.9
30.3	89.3	10739.5	250.0	-48.0	99.9	999.9	99.9	99.9	99.9	334.7	334.7	99.9	999.9	999.9	999.9
32.3	93.7	11426.8	225.0	-53.0	99.9	999.9	99.9	99.9	99.9	337.3	337.3	99.9	999.9	999.9	999.9
34.2	98.4	12175.6	200.0	-58.7	99.9	999.9	99.9	99.9	99.9	339.4	339.4	99.9	999.9	999.9	999.9
36.0	103.4	13007.5	175.0	-62.3	99.9	999.9	99.9	99.9	99.9	347.1	347.1	99.9	999.9	999.9	999.9
37.9	109.0	13944.9	150.0	-66.4	99.9	999.9	99.9	99.9	99.9	355.7	355.7	99.9	999.9	999.9	999.9
40.1	115.0	15047.3	125.0	-63.3	99.9	999.9	99.9	99.9	99.9	380.4	380.4	99.9	999.9	999.9	999.9
43.4	125.0	16423.2	100.0	-60.7	99.9	999.9	99.9	99.9	99.9	410.4	410.4	99.9	999.9	999.9	999.9
48.0	135.0	18184.8	75.0	-62.0	99.9	999.9	99.9	99.9	99.9	443.0	443.0	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE21 MAY 1979
805 GMT

146 27. 0

WINE MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	180.0	991.2	18.7	18.7	70.0	1.0	-0.9	-0.3	292.6	328.1	13.8	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	9.0	321.7	975.0	17.8	17.4	999.9	99.9	99.9	99.9	293.1	326.5	12.9	97.2	999.9	99.9
1.3	11.1	344.2	950.0	16.7	16.2	999.9	99.9	99.9	99.9	294.1	326.2	12.3	97.0	999.9	99.9
2.1	13.3	771.8	925.0	15.6	15.1	999.9	99.9	99.9	99.9	295.3	326.1	11.8	96.6	999.9	99.9
3.1	15.5	1004.9	900.0	14.8	14.2	346.1	3.0	0.7	-2.9	296.7	326.8	11.4	96.4	0.5	191.
4.0	17.7	1243.5	875.0	13.6	13.0	318.5	3.1	2.0	-2.3	297.5	326.7	10.8	96.1	0.7	181.
4.9	20.0	1487.7	850.0	12.1	11.3	293.0	3.1	2.9	-1.2	298.8	325.6	10.0	95.3	0.8	173.
5.9	22.3	1738.2	825.0	11.1	9.1	268.2	6.1	6.1	0.2	300.4	324.4	8.8	87.2	0.8	154.
6.9	24.6	1955.6	800.0	10.2	8.2	276.8	7.4	7.3	-0.9	302.0	325.5	8.6	87.4	1.1	135.
7.8	27.0	2259.5	775.0	8.4	6.8	285.9	9.1	8.7	-2.5	302.8	325.0	8.0	89.5	1.5	126.
8.6	29.4	2530.5	750.0	6.5	5.7	285.6	13.1	12.6	-3.5	303.6	325.0	7.7	94.7	2.0	121.
9.5	31.8	2809.2	725.0	5.9	4.9	280.7	17.3	17.0	-3.2	306.0	327.1	7.5	93.1	2.8	116.
10.5	34.2	3056.2	700.0	3.9	3.0	276.5	18.9	18.8	-2.2	306.8	326.1	6.8	94.1	3.8	111.
11.5	36.7	3391.3	675.0	1.2	-2.8	280.4	17.5	17.2	-3.1	307.0	320.6	4.7	75.6	4.9	107.
12.6	39.2	3654.5	650.0	0.9	-17.5	294.9	14.3	12.9	-6.0	310.0	315.0	1.6	25.9	6.0	107.
13.8	41.8	4009.2	625.0	0.1	-33.5	299.7	13.1	11.4	-6.5	312.6	314.0	0.4	7.1	6.9	109.
15.0	44.4	4334.7	600.0	-2.0	-31.7	291.4	12.8	11.9	-4.7	313.8	315.3	0.4	8.2	7.8	110.
16.2	47.2	4671.4	575.0	-4.5	-13.3	283.5	12.6	12.2	-2.9	314.6	322.2	2.4	49.8	8.7	110.
17.3	49.9	5020.0	550.0	-6.6	-16.4	275.3	11.4	11.4	-1.0	316.2	322.4	1.9	45.7	9.6	109.
18.7	52.8	5382.5	525.0	-8.4	-22.1	265.7	12.3	12.3	0.9	318.3	320.2	0.6	14.2	10.4	107.
19.9	55.6	5759.7	500.0	-10.0	-26.2	267.3	13.1	13.1	0.6	320.9	321.1	0.0	1.0	11.4	105.
21.3	58.6	6152.9	475.0	-13.3	-28.3	271.4	13.1	13.1	-0.3	321.5	321.6	0.0	1.0	12.4	104.
22.8	61.6	6562.3	450.0	-15.9	-20.6	265.1	15.5	15.4	1.3	323.2	328.6	1.7	67.7	13.6	103.
24.3	64.8	6991.0	425.0	-18.7	-24.3	264.2	17.4	17.3	1.8	325.0	329.2	1.3	61.5	15.0	101.
25.7	67.9	7439.7	400.0	-22.3	-31.8	259.8	16.2	16.0	2.9	326.0	328.4	0.7	42.7	16.4	99.
27.4	71.3	7911.2	375.0	-25.6	-32.9	263.7	14.9	14.8	1.6	327.6	328.1	0.1	5.7	17.9	97.
29.2	74.7	8406.9	350.0	-30.2	-39.3	270.7	14.8	14.8	-0.2	328.0	328.5	0.1	14.5	19.4	97.
30.9	78.3	8928.7	325.0	-35.3	-43.4	281.1	17.4	17.0	-3.3	328.0	329.0	0.2	42.8	21.0	97.
32.8	82.0	9482.3	300.0	-38.7	-44.9	275.0	20.7	20.6	-1.8	330.9	331.7	0.2	51.5	23.3	97.
34.7	86.0	10072.5	275.0	-44.4	99.9	260.2	19.5	19.2	3.3	330.9	999.9	99.9	99.9	25.4	96.
36.6	90.0	10703.5	250.0	-49.1	99.9	261.2	23.6	23.3	3.6	333.1	999.9	99.9	99.9	27.7	95.
38.3	94.4	11368.2	225.0	-53.5	99.9	277.6	29.5	29.2	-3.9	336.6	999.9	99.9	99.9	31.2	94.
41.0	99.0	12137.9	200.0	-58.5	99.9	287.3	32.9	31.5	-9.8	340.1	999.9	99.9	99.9	35.4	95.
43.8	104.2	12964.9	175.0	-64.7	99.9	287.3	30.4	29.0	-9.0	343.2	999.9	99.9	99.9	40.5	97.
46.1	109.8	13899.2	150.0	-68.7	99.9	282.3	25.2	24.6	-5.4	351.7	999.9	99.9	99.9	44.5	98.
49.0	115.7	14998.1	125.0	-63.3	99.9	281.1	20.4	20.0	-3.9	360.4	999.9	99.9	99.9	48.2	98.
52.7	122.7	16375.5	100.0	-61.6	99.9	284.9	9.6	9.2	-2.5	408.7	999.9	99.9	99.9	51.8	99.
57.8	131.0	18127.5	75.0	-64.4	99.9	250.7	6.6	6.4	2.3	437.8	999.9	99.9	99.9	53.6	98.
64.6	141.0	20646.5	50.0	-60.5	99.9	165.6	4.2	-1.0	4.0	501.0	999.9	99.9	99.9	54.6	97.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
 NASHVILLE, TENNESSEE

 21 MAY 1979
 1100 GMT

165 13. 0

TIME MIN	CNTCT	HEIGHT GEN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	180.0	992.5	18.4	18.4	360.0	0.0	0.0	0.0	292.2	327.0	13.6	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	9.3	332.7	975.0	17.1	16.5	999.9	99.9	99.9	99.9	292.4	324.0	12.3	96.3	999.9	99.9
1.5	11.6	558.6	950.0	16.0	15.3	999.9	99.9	99.9	99.9	293.4	323.7	11.6	95.9	999.9	99.9
2.5	14.1	781.5	925.0	15.2	14.5	999.9	99.9	99.9	99.9	294.9	324.5	11.3	95.1	0.5	200.
3.4	16.5	1013.9	900.0	13.7	13.0	8.1	4.6	-0.6	-0.6	295.7	323.5	10.5	95.3	0.8	197.
4.4	19.0	1251.4	875.0	12.6	11.6	35.3	3.3	0.0	-3.3	296.9	323.1	9.9	93.7	1.0	194.
5.3	21.5	1495.0	850.0	11.3	10.5	348.6	2.6	0.7	-2.5	298.0	323.3	9.4	94.5	1.2	192.
6.3	24.0	1744.5	825.0	10.3	9.2	315.2	5.2	3.6	-3.7	299.5	323.6	8.9	92.6	1.3	186.
7.2	26.6	2000.8	800.0	9.1	7.5	308.9	8.4	6.7	-5.1	300.5	323.3	8.2	89.6	1.6	173.
8.3	29.2	2263.9	775.0	8.0	6.3	308.3	7.1	5.8	-4.0	302.4	321.6	6.9	79.3	1.9	162.
9.3	31.9	2534.3	750.0	6.3	3.0	295.5	8.5	7.6	-3.6	303.4	321.2	6.4	79.5	2.3	155.
10.3	34.6	2812.7	725.0	6.2	-0.2	287.1	11.9	11.4	-3.5	306.2	321.4	5.2	63.4	2.8	145.
11.4	37.2	3100.0	700.0	4.7	-2.0	290.7	13.4	12.5	-4.7	307.7	321.2	4.7	61.4	3.5	137.
12.5	40.1	3395.5	675.0	2.6	-7.0	291.2	11.7	10.9	-4.2	308.6	318.6	3.4	49.4	4.3	132.
13.7	42.9	3700.7	650.0	2.5	-26.5	287.8	10.5	10.0	-3.2	311.8	314.0	1.1	9.5	5.0	129.
14.8	45.8	4016.3	625.0	0.2	-21.1	287.2	11.3	10.8	-3.3	312.7	316.4	1.1	18.5	5.7	126.
16.1	48.8	4341.6	600.0	-3.0	-11.3	283.4	11.7	11.3	-2.7	312.7	320.9	2.7	52.3	6.5	123.
17.4	51.7	4677.4	575.0	-5.6	-8.9	285.9	11.2	10.8	-3.1	313.4	323.8	3.4	77.8	7.3	121.
18.7	54.9	5024.9	550.0	-7.5	-12.7	284.8	12.4	11.9	-3.2	315.2	323.4	2.6	66.3	8.2	119.
20.0	58.0	5385.9	525.0	-9.7	-24.4	274.6	14.2	14.1	-1.1	316.7	320.1	1.0	28.9	9.2	117.
21.5	61.1	5761.9	500.0	-11.5	-12.3	272.8	15.6	15.6	-0.8	319.1	328.4	3.0	93.5	10.4	114.
22.9	64.4	6153.5	475.0	-14.1	-31.3	273.1	13.9	13.9	-0.8	320.6	322.6	0.6	21.6	11.6	112.
24.3	67.9	6561.2	450.0	-17.3	-23.9	265.7	15.8	15.6	2.0	321.5	325.6	1.2	57.2	12.8	110.
25.9	71.4	6987.2	425.0	-20.2	-32.5	252.1	17.3	16.5	5.3	323.1	325.1	0.6	32.3	14.1	106.
27.5	75.0	7433.1	400.0	-23.5	-30.3	258.9	14.1	13.9	2.7	324.5	327.1	0.8	53.2	15.4	103.
29.1	78.7	7903.6	375.0	-26.3	-32.0	268.0	12.2	12.2	0.4	326.6	329.3	0.7	58.1	16.6	102.
30.9	82.6	8398.7	350.0	-30.2	-34.7	269.7	13.8	13.8	0.1	328.6	330.0	0.6	64.5	17.9	101.
32.9	86.5	8921.3	325.0	-34.5	-40.0	255.2	13.7	13.2	3.5	329.1	330.4	0.4	57.3	19.6	100.
35.0	90.8	9475.1	300.0	-39.2	-45.7	249.8	14.2	13.3	4.9	330.2	331.0	0.2	49.4	20.9	97.
37.2	95.2	10066.5	275.0	-43.6	99.9	258.5	19.5	19.1	3.9	332.1	99.9	99.9	99.9	23.0	95.
39.4	95.8	10700.6	250.0	-48.5	99.9	266.5	25.3	25.2	1.5	334.0	99.9	99.9	99.9	25.9	94.
41.7	104.6	11384.7	225.0	-54.5	99.9	270.6	26.8	26.6	-3.1	334.9	99.9	99.9	99.9	29.7	93.
44.5	110.0	12125.7	200.0	-61.4	99.9	287.7	31.0	29.6	-9.4	335.5	99.9	99.9	99.9	34.2	95.
47.5	115.6	12950.7	175.0	-63.0	99.9	302.5	33.6	28.3	-18.1	346.0	99.9	99.9	99.9	40.1	98.
50.6	121.7	13902.3	150.0	-63.8	99.9	285.9	19.8	19.1	-5.4	360.2	99.9	99.9	99.9	44.6	101.
54.4	128.7	15007.3	125.0	-63.3	99.9	280.9	18.6	18.3	-3.5	380.4	99.9	99.9	99.9	48.7	100.
59.0	136.3	16389.6	100.0	-61.5	99.9	269.9	11.8	11.8	0.0	408.5	99.9	99.9	99.9	52.6	100.
64.7	145.3	18153.0	75.0	-63.1	99.9	257.7	7.6	7.4	1.6	440.7	99.9	99.9	99.9	55.7	100.
72.4	155.5	20686.2	50.0	-58.6	99.9	133.6	4.9	-3.5	3.4	505.5	99.9	99.9	99.9	56.3	99.
85.0	166.3	25159.5	25.0	-49.4	99.9	99.9	99.9	99.9	99.9	643.2	99.9	99.9	99.9	52.5	100.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

20 MAY 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	172.0	992.3	21.2	18.4	220.0	4.1	2.6	3.1	295.0	330.3	13.6	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	9.5	325.2	975.0	21.2	19.5	237.1	10.9	9.1	5.9	296.5	335.1	14.8	90.3	0.3	52.
1.4	11.8	550.9	950.0	20.7	19.1	245.1	13.2	12.0	5.6	298.2	337.2	14.9	90.9	0.8	58.
2.2	14.1	782.6	925.0	20.6	18.6	243.9	12.8	11.5	5.6	300.6	340.0	14.9	89.1	1.6	62.
3.1	16.5	1020.0	900.0	19.0	17.0	243.7	11.0	9.9	4.9	301.1	337.7	13.7	88.0	2.2	62.
4.1	19.9	1262.1	875.0	17.1	15.6	243.5	10.8	9.7	4.8	301.4	336.2	12.9	90.8	2.8	63.
5.0	21.3	1509.5	850.0	15.0	14.4	248.9	10.3	9.6	3.7	301.9	335.8	12.3	96.1	3.4	63.
6.0	23.8	1762.4	825.0	14.9	5.9	238.5	10.6	9.0	5.5	304.4	324.8	7.3	57.1	4.0	64.
6.9	26.3	2023.4	800.0	15.0	5.2	230.6	12.0	9.3	7.6	307.2	320.9	7.0	51.9	4.6	62.
7.8	28.8	2291.4	775.0	13.4	-2.1	242.3	12.1	10.7	5.6	308.2	320.8	4.3	34.9	5.2	61.
8.9	31.4	2566.5	750.0	11.3	0.9	246.4	11.5	10.5	4.6	308.5	325.1	5.6	50.3	6.0	62.
9.9	34.0	2848.9	725.0	9.3	2.8	240.1	11.0	9.6	5.5	309.7	328.3	6.5	63.7	6.6	62.
10.9	36.7	3138.3	700.0	8.0	-9.1	238.8	10.4	8.9	5.4	311.4	319.8	2.7	28.6	7.3	62.
12.2	39.4	3438.3	675.0	5.9	-9.1	249.4	11.5	10.8	4.0	312.2	320.9	2.8	33.2	8.1	62.
13.5	42.2	3746.0	650.0	3.4	-6.7	251.9	12.0	11.4	3.7	312.8	323.5	3.6	47.5	9.0	63.
14.7	45.1	4062.6	625.0	0.5	-6.2	255.5	11.7	11.3	2.9	313.1	324.7	3.9	60.5	9.9	64.
15.9	48.0	4388.9	600.0	-2.5	-6.0	263.8	11.0	10.9	1.2	313.3	325.4	4.1	76.4	10.7	65.
17.1	50.9	4725.2	575.0	-5.6	-6.4	262.8	11.6	11.5	1.4	313.5	325.8	4.1	93.8	11.5	66.
18.5	54.0	5072.5	550.0	-8.3	-9.6	272.3	11.8	11.8	-0.5	314.2	324.4	3.3	90.1	12.3	66.
20.0	57.1	5432.5	525.0	-10.4	-12.5	277.6	13.6	13.5	-1.8	315.5	324.5	2.8	84.8	13.3	70.
21.6	60.4	5806.3	500.0	-13.6	-33.5	273.3	14.7	14.7	-0.9	316.5	320.0	1.1	41.7	14.6	72.
23.1	63.6	6197.9	475.0	-12.2	-57.6	271.6	18.1	18.1	-0.5	322.9	323.0	0.8	1.0	16.0	74.
24.6	67.1	6608.9	450.0	-14.4	-59.1	270.0	18.6	18.6	-2.6	325.1	325.2	0.0	1.0	17.7	76.
26.2	70.6	7040.2	425.0	-17.9	-61.3	283.4	17.6	17.2	-4.1	326.0	326.1	0.0	1.0	19.2	78.
27.9	74.2	7489.9	400.0	-22.1	-64.0	282.7	20.0	19.5	-4.4	326.2	326.3	0.0	1.0	20.9	80.
29.6	78.0	7960.5	375.0	-26.2	-54.4	285.7	23.4	22.6	-6.4	326.9	327.2	0.1	5.0	23.0	83.
31.2	81.8	8455.7	350.0	-30.0	-57.4	291.9	25.4	23.6	-9.5	328.3	328.5	0.1	5.7	25.1	85.
33.0	96.0	8978.1	325.0	-34.2	-42.2	297.4	30.1	27.4	-12.4	329.5	330.6	0.3	43.6	27.7	88.
35.0	93.4	9533.7	300.0	-38.8	-46.2	297.6	35.7	31.6	-16.5	330.7	331.4	0.2	45.1	31.2	91.
36.9	95.0	10124.1	275.0	-44.1	99.9	299.6	35.3	30.7	-17.5	331.4	999.9	99.9	999.9	35.0	94.
39.3	103.0	10755.4	250.0	-49.4	99.9	303.5	33.5	27.9	-18.5	332.6	999.9	99.9	999.9	39.5	98.
41.8	105.3	11435.9	225.0	-56.0	99.9	308.0	25.0	23.4	-17.0	332.7	999.9	99.9	999.9	43.8	101.
44.5	111.2	12174.8	200.0	-61.9	99.9	297.8	28.9	25.6	-13.5	334.8	999.9	99.9	999.9	47.8	103.
47.1	117.7	12990.9	175.0	-67.2	99.9	285.4	33.3	32.1	-8.8	339.6	999.9	99.9	999.9	52.5	103.
50.5	124.7	13926.6	150.0	-63.0	99.9	286.7	32.6	31.2	-9.4	361.2	999.9	99.9	999.9	59.9	103.
54.0	133.0	15045.6	125.0	-62.5	99.9	297.9	28.1	17.8	-9.4	381.2	999.9	99.9	999.9	65.4	104.
58.4	142.0	16408.2	100.0	-65.5	99.9	298.9	9.7	8.5	-4.7	401.2	999.9	99.9	999.9	68.8	105.
64.2	152.0	18172.7	75.0	-58.6	99.9	227.7	5.2	3.8	3.5	450.8	999.9	99.9	999.9	70.7	105.
72.1	161.5	20738.1	50.0	-54.2	99.9	109.5	7.3	-6.9	2.4	515.9	999.9	99.9	999.9	69.0	105.
86.1	170.2	25273.6	25.0	-45.9	99.9	77.8	4.3	-4.2	-1.8	633.4	999.9	99.9	999.9	63.0	106.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
 LITTLE ROCK, ARKANSAS

 20 MAY 1979
 1405 GMT

164 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	172.0	993.4	22.3	19.1	200.0	3.6	1.2	3.4	296.8	332.9	14.2	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	8.7	334.7	975.0	20.4	19.3	999.9	99.9	99.9	99.9	295.7	333.6	14.7	93.5	999.9	999.9
1.5	11.0	559.4	950.0	19.5	18.3	999.9	99.9	99.9	99.9	297.0	333.8	14.1	92.7	999.9	999.9
2.4	13.3	790.1	925.0	19.9	16.0	999.9	99.9	99.9	99.9	299.7	333.0	12.5	78.1	999.9	999.9
3.3	15.6	1026.4	900.0	18.2	16.0	999.9	99.9	99.9	99.9	300.3	334.5	12.8	86.9	999.9	999.9
4.4	18.0	1267.9	875.0	16.2	15.7	999.9	99.9	99.9	99.9	300.6	335.2	13.0	96.7	999.9	999.9
5.4	23.4	1514.8	850.0	14.6	14.1	999.9	99.9	99.9	99.9	301.4	333.7	12.0	97.1	999.9	999.9
6.3	22.8	1767.5	825.0	13.5	7.0	240.3	12.8	11.2	6.4	302.9	324.3	7.8	65.8	4.1	55.
7.1	25.2	2027.1	800.0	13.6	1.7	247.7	13.0	12.0	4.9	305.7	321.4	5.5	44.9	4.8	50.
8.0	27.7	2294.2	775.0	13.0	-2.5	252.8	12.0	11.4	3.5	307.6	319.9	4.1	34.3	5.4	58.
8.9	30.2	2568.6	750.0	10.5	-0.0	250.0	12.7	12.0	4.4	308.0	322.8	5.1	47.8	6.0	59.
9.9	32.3	2850.3	725.0	6.4	3.9	251.9	12.8	12.2	4.0	308.7	328.8	7.0	73.7	6.8	61.
10.7	35.3	3135.9	700.0	6.3	4.3	253.5	12.9	12.4	3.7	309.5	330.8	7.5	87.0	7.5	62.
11.8	39.0	3437.6	675.0	4.6	-3.0	258.8	13.8	13.6	2.7	310.2	324.2	4.6	58.0	8.3	63.
12.9	40.7	3724.5	650.0	2.3	0.6	264.7	14.9	14.8	1.4	311.6	329.6	6.2	88.6	9.2	65.
14.0	43.5	4060.8	625.0	-0.0	-1.3	262.7	14.9	14.8	1.9	312.5	328.9	5.6	91.3	10.1	67.
15.1	46.3	4386.8	600.0	-2.6	-3.2	261.5	15.4	15.2	2.3	313.1	328.1	5.1	96.0	11.1	68.
16.3	49.3	4723.0	575.0	-5.7	-6.6	261.6	16.5	16.3	2.4	313.2	325.5	4.1	93.6	12.2	69.
17.5	52.2	5070.4	550.0	-8.2	-9.0	261.7	18.5	18.3	2.7	314.3	325.0	3.5	94.0	13.4	71.
18.8	55.2	5430.5	525.0	-10.7	-11.3	261.5	19.0	18.6	2.8	315.4	325.0	3.1	95.1	14.9	72.
20.1	59.3	5805.1	500.0	-12.3	-14.1	264.4	18.9	18.8	1.8	316.0	326.1	2.6	87.0	16.3	73.
21.6	61.4	6195.3	475.0	-14.4	-17.1	269.6	21.8	21.8	0.1	320.1	323.4	1.0	37.2	18.0	74.
22.9	64.6	6604.3	450.0	-15.5	-19.7	271.4	22.8	22.8	-0.6	323.8	323.9	0.0	1.0	19.9	76.
24.5	68.0	7033.3	425.0	-17.9	-21.3	277.2	20.4	20.2	-2.6	326.0	326.1	0.0	1.0	21.7	77.
26.1	71.5	7483.5	400.0	-21.4	-23.6	285.2	23.5	23.6	-6.2	327.2	327.2	0.0	1.0	23.8	79.
27.9	75.1	7955.1	375.0	-25.9	-25.9	291.7	25.4	25.4	-9.4	327.4	327.6	0.0	3.6	25.9	82.
29.3	78.9	8452.8	350.0	-27.6	-29.3	293.9	30.8	28.2	-12.5	331.5	332.0	0.1	10.5	28.0	85.
31.0	82.8	8981.6	325.0	-31.5	-32.7	296.3	31.0	27.8	-13.7	333.2	333.6	0.1	13.0	31.0	88.
32.8	86.8	9543.7	300.0	-35.3	-42.3	299.1	24.1	21.1	-11.7	335.6	336.8	0.3	48.1	33.5	90.
34.9	91.2	10142.8	275.0	-40.9	-49.9	302.6	20.4	17.2	-11.0	336.0	999.9	99.9	999.9	35.9	92.
36.9	95.7	10784.4	250.0	-46.0	-59.9	313.7	21.0	15.2	-14.5	337.7	999.9	99.9	999.9	37.8	93.
39.3	100.6	11475.2	225.0	-52.2	-69.9	305.8	25.2	20.4	-14.7	338.5	999.9	99.9	999.9	40.5	97.
41.3	105.8	12227.2	200.0	-58.0	-79.9	290.3	29.5	27.7	-10.3	340.9	999.9	99.9	999.9	43.6	99.
43.9	111.5	13053.9	175.0	-65.1	-99.9	287.2	31.3	29.9	-9.3	342.5	999.9	99.9	999.9	48.1	100.
46.6	117.7	13983.8	150.0	-67.9	-99.9	286.9	36.5	35.0	-10.6	353.2	999.9	99.9	999.9	53.8	100.
49.8	124.7	15105.9	125.0	-62.3	-99.9	300.0	24.2	20.9	-12.1	352.1	999.9	99.9	999.9	60.0	102.
53.7	133.0	16472.0	100.0	-64.4	-99.9	289.7	11.7	11.0	-3.9	403.3	999.9	99.9	999.9	63.3	102.
58.5	142.5	18225.8	75.0	-64.4	-99.9	294.1	7.6	6.9	-3.1	437.5	999.9	99.9	999.9	66.7	102.
65.4	153.3	20745.1	50.0	-57.5	-99.9	180.3	3.8	0.0	3.8	508.1	999.9	99.9	999.9	67.5	102.
77.7	164.7	25225.3	25.0	-46.6	-99.9	999.9	99.9	99.9	99.9	651.2	999.9	99.9	999.9	62.5	102.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

20 MAY 1979
1705 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	172.0	993.5	27.6	19.1	210.0	4.1	2.0	3.6	301.3	339.2	14.2	60.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	8.7	337.6	975.0	23.3	18.7	209.7	4.7	2.3	4.1	298.6	335.7	14.1	75.4	0.2	37.
1.0	10.8	564.0	950.0	20.7	18.1	212.9	4.8	2.6	4.0	298.2	334.8	13.9	84.9	0.3	34.
1.7	12.9	794.1	925.0	17.6	16.3	226.0	7.3	5.3	5.1	297.5	331.1	12.7	90.8	0.5	35.
2.7	15.1	1029.2	900.0	18.4	12.3	243.4	11.1	9.9	4.9	300.5	327.8	10.1	68.2	1.1	47.
3.8	17.3	1271.4	875.0	18.2	13.2	257.0	9.2	9.0	2.1	302.7	332.6	11.0	73.1	1.8	56.
5.0	19.5	1519.5	850.0	16.0	14.6	271.5	7.4	7.4	-0.2	302.9	336.5	12.4	91.2	2.3	62.
5.9	21.8	1773.4	825.0	14.9	11.1	284.5	8.6	8.4	-2.2	304.3	332.2	10.2	78.7	2.6	68.
6.9	24.1	2034.0	800.0	14.2	3.4	280.2	10.5	10.4	-1.9	306.5	323.6	6.1	48.0	3.1	74.
8.1	26.4	2301.4	775.0	12.4	2.1	270.2	11.5	11.5	-0.0	307.1	323.6	5.8	49.4	3.8	79.
9.2	28.7	2575.6	750.0	10.6	0.2	258.4	14.2	13.9	2.8	308.1	323.0	5.2	48.5	4.6	79.
10.2	31.1	2857.5	725.0	9.0	-1.0	256.9	16.3	15.9	3.7	309.4	323.7	4.9	49.4	5.6	79.
11.5	33.5	3147.4	700.0	6.9	-2.0	258.9	16.7	16.3	3.2	310.2	324.0	4.7	52.7	6.9	79.
12.7	36.0	3445.2	675.0	4.9	-4.7	259.6	18.2	15.9	2.9	311.1	323.0	4.0	50.0	8.1	79.
14.0	38.5	3752.1	650.0	2.6	-6.3	256.6	16.0	15.6	3.7	311.9	322.9	3.7	52.1	9.3	79.
15.2	41.1	4067.8	625.0	-0.1	-4.0	255.1	16.2	15.7	4.2	312.4	325.9	4.6	75.1	10.5	78.
16.5	43.7	4393.4	600.0	-2.9	-5.4	255.8	19.0	18.4	4.7	312.7	325.5	4.3	83.3	11.9	78.
17.8	46.3	4729.8	575.0	-4.8	-6.3	254.5	19.8	19.1	5.3	314.4	326.9	4.2	89.0	13.3	78.
19.1	49.0	5078.4	550.0	-7.2	-8.3	260.3	20.5	20.2	3.5	315.2	326.8	3.7	92.2	14.9	77.
20.4	51.8	5440.7	525.0	-8.8	-12.7	268.4	21.5	21.5	0.6	317.9	326.5	2.8	73.2	16.5	78.
21.8	54.7	5817.1	500.0	-11.2	-13.6	275.0	23.5	23.4	-2.1	319.4	327.8	2.7	82.4	18.4	80.
23.3	57.6	6208.9	475.0	-13.4	-14.3	285.1	23.7	22.9	-6.2	321.4	329.8	2.7	92.6	20.4	82.
24.8	60.6	6620.5	450.0	-15.1	-16.0	296.4	23.2	20.7	-10.3	324.3	331.0	2.1	78.2	22.2	84.
26.4	63.6	7050.1	425.0	-18.4	-19.8	308.5	23.0	18.6	-13.5	325.4	331.5	1.9	68.4	24.0	87.
28.0	66.9	7501.1	400.0	-20.5	-23.0	308.5	20.2	15.8	-12.6	328.3	333.4	1.5	60.6	25.7	91.
29.7	70.1	7976.1	375.0	-23.8	-27.0	308.9	18.5	14.4	-11.6	330.1	333.9	1.1	75.0	27.1	93.
31.3	73.6	8477.2	350.0	-27.2	-33.1	299.4	21.7	18.9	-10.6	332.0	334.4	0.7	57.0	28.8	95.
33.2	77.1	9007.3	325.0	-30.9	-40.0	294.7	23.2	21.1	-9.7	334.2	335.5	0.4	39.9	31.2	97.
35.0	80.9	9570.3	300.0	-35.5	-42.6	288.7	26.8	25.4	-8.6	335.2	336.4	0.3	48.2	33.8	98.
36.9	84.7	10169.3	275.0	-40.8	-49.9	286.2	25.0	24.0	-7.0	336.1	999.9	99.9	999.9	37.0	99.
38.9	88.8	10809.6	250.0	-46.6	-56.6	282.8	25.0	24.4	-5.5	336.8	999.9	99.9	999.9	39.8	99.
41.0	93.2	11459.3	225.0	-52.6	-59.9	279.9	23.8	23.5	-4.1	337.5	999.9	99.9	999.9	42.8	99.
43.2	97.8	12249.3	200.0	-59.0	-59.9	278.6	23.6	26.3	-4.0	339.2	999.9	99.9	999.9	45.9	99.
45.9	103.0	13071.8	175.0	-66.0	-59.9	275.7	27.2	27.0	-2.7	341.0	999.9	99.9	999.9	50.2	99.
48.6	108.3	13997.3	150.0	-67.0	-59.9	277.6	33.5	33.3	-4.4	354.7	999.9	99.9	999.9	55.1	99.
51.8	114.5	15115.0	125.0	-62.7	-59.9	291.8	21.1	19.6	-7.8	381.4	999.9	99.9	999.9	61.2	99.
55.7	121.5	16484.1	100.0	-63.4	-59.9	275.0	13.2	13.2	-1.1	405.3	999.9	99.9	999.9	64.2	99.
63.5	129.5	18233.2	75.0	-65.1	-59.9	277.7	6.5	6.4	-0.9	436.4	999.9	99.9	999.9	66.8	99.
67.2	139.0	20759.1	50.0	-57.5	-59.9	153.2	3.5	-1.6	3.2	508.6	999.9	99.9	999.9	68.0	99.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
 LITTLE ROCK, ARKANSAS

 20 MAY 1979
 2005 GMT

152 11. 0

TIME MIN	CNTCT	HEIGHT GRM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.3	172.0	992.0	28.9	18.7	230.0	5.1	3.9	3.3	302.8	339.8	13.8	54.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	8.8	325.0	975.0	25.0	17.7	234.1	7.0	5.7	4.1	300.4	335.6	13.2	63.9	0.2	50.
1.3	11.0	552.5	950.0	22.9	16.8	232.9	7.3	5.8	4.4	300.5	334.6	12.8	65.4	0.5	52.
2.1	13.2	784.6	925.0	20.5	16.1	228.8	7.6	5.8	5.0	300.3	333.9	12.6	75.9	0.9	52.
2.9	15.5	1021.1	900.0	18.2	15.5	232.5	8.7	6.9	5.3	300.3	333.6	12.5	84.3	1.3	51.
3.9	17.7	1262.4	875.0	15.8	15.0	234.2	9.4	7.6	5.5	300.2	333.2	12.4	90.6	1.8	52.
4.8	20.0	1509.0	850.0	15.4	14.5	236.8	9.0	7.5	4.9	302.3	335.5	12.3	94.6	2.3	53.
5.9	22.2	1762.8	825.0	14.7	12.4	243.8	8.5	7.6	3.7	304.2	334.3	11.0	85.6	2.9	54.
7.2	24.5	2023.7	800.0	14.3	8.3	243.8	11.7	11.6	1.8	306.4	330.6	8.7	67.4	3.6	58.
8.5	26.9	2292.2	775.0	14.7	-7.7	264.9	13.0	13.0	1.2	309.6	317.9	2.8	20.6	4.5	63.
9.7	29.4	2568.1	750.0	12.7	-9.2	263.1	13.9	13.8	1.7	310.3	318.0	2.5	20.7	5.4	67.
10.8	31.8	2851.1	725.0	10.3	-12.1	257.9	15.8	15.5	3.3	310.7	317.2	2.1	19.4	6.4	69.
11.9	34.3	3141.8	700.0	8.1	-7.8	259.5	17.6	17.3	3.2	311.4	320.9	3.1	33.0	7.5	70.
13.1	36.8	3440.5	675.0	5.4	-3.2	261.7	17.2	17.1	2.5	311.7	325.0	4.5	53.9	8.7	72.
14.5	39.4	3748.0	650.0	3.2	-4.9	263.2	16.6	16.4	1.9	312.5	324.8	4.1	55.5	10.1	73.
15.8	42.0	4064.8	625.0	0.8	-6.7	263.4	16.9	16.8	2.0	313.4	324.6	3.7	57.0	11.4	75.
17.1	44.7	4391.6	600.0	-1.7	-9.3	265.8	15.6	15.5	1.1	314.2	323.8	3.2	56.0	12.7	75.
18.5	47.4	4729.5	575.0	-4.0	-9.1	272.6	16.5	16.5	-0.7	315.4	325.6	3.3	67.4	14.0	77.
19.9	50.2	5078.8	550.0	-6.5	-15.3	282.1	15.1	14.7	-3.2	316.3	323.0	2.1	49.5	15.3	78.
21.4	53.0	5440.4	525.0	-8.5	-15.3	300.9	15.0	12.8	-7.7	318.2	318.4	0.0	1.0	16.3	81.
22.9	56.0	5817.7	500.0	-10.4	-17.8	297.7	16.8	14.9	-7.8	320.4	326.5	1.9	54.0	17.4	84.
24.3	59.9	6212.0	475.0	-12.2	-18.8	287.6	18.8	17.9	-5.7	322.8	328.8	1.8	57.9	18.8	86.
25.9	62.0	6622.9	450.0	-15.6	-27.7	287.4	18.0	17.2	-5.4	323.7	326.7	0.9	34.4	20.4	88.
27.5	65.1	7031.4	425.0	-18.7	-36.8	291.8	16.2	15.1	-6.0	325.0	326.4	0.4	19.0	22.0	89.
29.1	69.4	7500.3	400.0	-22.1	-48.2	294.2	15.4	15.0	-3.8	326.3	326.7	0.1	7.3	23.4	91.
30.8	71.8	7972.7	375.0	-24.5	-43.7	274.8	18.2	18.2	-1.5	329.2	330.4	0.3	24.1	25.1	91.
32.8	75.3	8471.9	350.0	-28.0	-50.7	280.9	16.6	16.3	-3.1	331.0	331.3	0.1	9.3	27.2	92.
34.8	78.9	8998.9	325.0	-32.4	-46.5	280.7	21.9	21.5	-4.1	332.8	332.7	0.2	23.8	29.3	92.
36.9	82.7	9558.6	300.0	-36.6	-45.1	274.5	26.5	26.4	-2.1	333.6	334.7	0.2	41.3	32.5	93.
39.1	86.6	10156.4	275.0	-41.1	99.9	272.9	27.5	27.4	-1.4	335.8	999.9	99.9	999.9	36.0	93.
41.3	90.8	10796.4	250.0	-46.1	99.9	273.3	30.8	30.8	-1.8	337.5	999.9	99.9	999.9	39.9	93.
43.8	95.2	11489.9	225.0	-51.1	99.9	272.4	33.2	33.2	-1.4	340.2	999.9	99.9	999.9	44.7	93.
46.4	100.0	12244.8	200.0	-57.9	99.9	267.1	33.5	33.5	1.7	341.1	999.9	99.9	999.9	49.8	93.
49.2	105.0	13071.9	175.0	-63.8	99.9	274.7	30.8	30.7	-2.5	344.7	999.9	99.9	999.9	55.2	92.
52.4	110.6	14007.4	150.0	-67.4	99.9	273.3	32.3	32.3	-1.8	354.0	999.9	99.9	999.9	61.2	93.
55.9	116.7	15109.0	125.0	-65.7	99.9	279.9	26.8	26.4	-4.6	376.1	999.9	99.9	999.9	67.9	93.
60.2	123.7	16466.5	100.0	-64.8	99.9	270.1	16.0	16.0	-0.0	402.6	999.9	99.9	999.9	73.1	93.
65.5	131.7	18226.6	75.0	-63.7	99.9	267.0	8.8	8.8	0.5	439.4	999.9	99.9	999.9	76.8	93.
72.8	141.0	20752.0	50.0	-58.1	99.9	311.9	2.7	2.0	-1.8	508.7	999.9	99.9	999.9	79.2	93.
84.9	152.0	25211.8	25.0	-51.0	99.9	74.7	4.7	-4.5	-1.2	638.1	999.9	99.9	999.9	76.4	92.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

20 MAY 1979
2305 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	172.0	990.5	27.1	18.9	230.0	2.1	1.6	1.3	301.1	338.6	14.1	61.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	8.9	311.4	975.0	25.0	19.1	220.3	5.8	3.7	4.4	300.3	338.8	14.5	70.0	0.1	51.
1.4	11.2	539.6	950.0	23.3	18.8	225.3	6.6	4.7	4.6	300.9	339.6	14.6	75.7	0.5	45.
2.1	13.5	772.2	925.0	20.9	17.6	229.3	6.8	5.2	4.4	301.2	337.5	13.8	81.3	0.6	46.
3.0	15.8	1009.3	900.0	19.1	17.6	229.3	6.5	5.0	4.2	301.2	339.1	14.2	91.0	1.1	47.
3.9	18.2	1251.5	875.0	16.6	16.2	233.7	6.7	5.4	3.9	301.3	337.1	13.4	98.1	1.5	48.
4.8	20.6	1499.0	850.0	15.8	14.9	232.2	6.3	5.0	3.9	302.4	336.5	12.6	95.9	1.8	50.
5.7	23.1	1722.8	825.0	14.6	14.0	242.9	5.3	4.7	2.4	304.1	337.5	12.3	96.2	2.1	49.
6.6	25.6	2013.2	800.0	12.9	12.3	268.3	5.6	5.6	0.2	304.9	336.0	11.4	96.2	2.4	53.
7.5	28.1	2279.9	775.0	11.2	5.0	261.5	7.2	7.1	1.1	305.9	325.9	7.1	65.6	2.7	57.
8.3	30.7	2554.0	750.0	10.9	-1.4	261.4	7.7	7.6	1.1	308.4	321.9	4.7	42.7	3.0	60.
9.5	33.2	2835.8	725.0	8.8	-0.8	264.3	9.6	9.5	1.0	309.1	324.0	5.1	52.1	3.5	64.
10.5	35.9	3125.3	700.0	7.4	-10.8	260.0	12.4	12.2	2.2	310.7	318.1	2.4	26.1	4.2	66.
11.6	38.6	3429.7	675.0	5.1	-2.4	260.1	14.0	13.8	2.4	311.3	325.4	4.8	58.6	5.1	69.
12.8	41.3	3731.0	650.0	3.1	-4.0	262.5	14.2	14.1	1.9	312.2	325.5	4.4	59.8	6.1	71.
14.0	44.1	4047.6	625.0	0.5	-6.1	260.0	14.4	14.2	2.5	313.0	324.6	3.9	61.1	7.1	72.
15.3	46.9	4373.9	600.0	-2.3	-10.3	262.4	13.5	13.4	1.8	313.5	322.4	2.9	54.2	8.2	73.
16.7	49.8	4711.0	575.0	-4.7	-6.9	271.8	11.7	11.7	-0.4	314.5	326.5	4.0	84.6	9.2	75.
19.0	52.8	5059.9	550.0	-6.7	-47.8	287.1	11.1	10.7	-3.3	316.1	316.9	0.2	5.3	10.0	77.
19.3	55.9	5422.9	525.0	-7.4	-16.1	302.5	13.2	11.1	-7.1	319.6	326.2	2.1	49.9	10.7	80.
20.6	59.0	5800.6	500.0	-10.6	-56.7	300.3	13.4	11.6	-6.8	320.1	320.2	0.0	1.0	11.5	84.
22.0	62.1	6194.3	475.0	-12.3	-57.7	290.0	10.8	10.2	-3.7	322.8	322.9	0.0	1.0	12.4	86.
23.4	65.4	6605.7	450.0	-14.8	-59.3	281.4	8.3	8.2	-1.6	324.7	324.8	0.0	1.0	13.1	87.
25.0	69.9	7035.2	425.0	-18.3	-61.6	272.4	9.5	9.5	-0.4	325.5	325.6	0.0	1.0	13.9	88.
26.8	72.3	7485.0	400.0	-21.0	-39.8	266.3	11.2	11.1	0.7	327.7	329.0	0.4	21.2	15.0	88.
28.7	76.0	7955.2	375.0	-24.2	-63.5	276.1	11.2	11.2	-1.2	329.6	329.7	0.0	1.3	16.3	88.
30.5	79.7	8458.8	350.0	-27.8	-43.7	273.6	16.1	16.1	-1.0	331.3	332.1	0.2	20.2	17.7	89.
32.2	83.6	8986.9	325.0	-32.0	-50.3	265.9	22.7	22.6	1.6	332.5	333.0	0.1	14.3	19.7	89.
34.1	87.7	9547.4	300.0	-36.2	-52.4	259.7	25.4	25.0	4.5	334.4	334.6	0.1	16.9	22.6	88.
36.2	92.0	10145.1	275.0	-41.1	99.9	267.9	24.4	24.4	0.9	335.7	999.9	99.9	999.9	25.6	87.
38.4	96.6	10785.9	250.0	-45.7	99.9	268.9	28.4	28.4	0.5	338.2	999.9	99.9	999.9	29.0	88.
40.4	101.6	11478.9	225.0	-51.5	99.9	268.2	33.4	33.4	1.0	339.5	999.9	99.9	999.9	32.7	88.
42.7	106.8	12233.6	200.0	-57.4	99.9	266.1	35.4	35.3	2.4	341.9	999.9	99.9	999.9	37.4	88.
45.1	112.5	13062.8	175.0	-64.5	99.9	275.6	30.9	30.8	-3.0	343.5	999.9	99.9	999.9	42.3	88.
48.2	118.7	13966.9	150.0	-67.9	99.9	275.8	30.9	30.7	-3.1	353.1	999.9	99.9	999.9	47.7	89.
51.6	125.7	15105.8	125.0	-65.1	99.9	279.7	28.2	27.8	-4.7	377.2	999.9	99.9	999.9	54.1	90.
55.8	134.0	16467.9	100.0	-66.7	99.9	265.9	18.3	18.2	1.3	399.0	999.9	99.9	999.9	59.4	90.
61.0	143.3	18218.4	75.0	-64.9	99.9	290.8	9.6	9.0	-3.4	436.2	999.9	99.9	999.9	63.6	90.
65.4	154.0	20741.6	50.0	-57.5	99.9	159.7	3.7	-1.3	3.5	508.8	999.9	99.9	999.9	63.9	91.
80.4	163.5	25194.2	25.0	-51.6	99.9	999.9	99.9	99.9	99.9	636.6	999.9	99.9	999.9	60.8	91.

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* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
 LITTLE ROCK, ARKANSAS

 21 MAY 1979
 205 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IN DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	172.0	991.2	24.9	19.3	250.0	2.1	2.0	0.7	298.8	336.7	14.4	71.0	0.0	0.
0.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	9.0	317.1	975.0	24.8	19.4	243.0	5.7	5.1	2.6	300.1	339.2	14.8	72.3	0.2	78.
1.2	11.3	545.2	950.0	23.1	18.5	236.2	6.6	5.5	3.7	300.6	339.0	14.3	73.5	0.4	68.
2.0	13.6	777.8	925.0	21.0	18.1	226.4	7.6	5.5	5.3	300.6	339.0	14.3	73.5	0.4	68.
2.9	15.9	1014.9	900.0	19.0	17.1	219.7	8.7	5.6	6.7	301.1	337.9	13.8	88.9	1.1	54.
3.8	18.3	1257.2	875.0	17.2	16.2	221.8	8.9	5.9	6.7	301.7	337.7	13.4	93.8	1.7	49.
4.6	20.7	1505.1	850.0	15.9	15.2	221.8	8.7	5.3	4.2	302.8	337.7	13.0	95.8	2.1	48.
5.6	23.2	1759.0	825.0	14.4	14.0	245.8	4.6	4.2	1.9	303.8	337.3	12.3	97.6	2.3	50.
6.5	25.8	2015.1	800.0	12.8	12.4	256.5	3.9	3.8	0.9	304.2	336.0	11.4	97.3	2.5	52.
7.4	28.2	2286.1	775.0	11.0	10.5	256.0	5.3	5.1	1.3	305.6	334.3	10.4	97.0	2.8	54.
8.3	30.8	2559.7	750.0	9.0	8.5	260.9	7.4	7.3	1.2	306.4	332.5	9.4	96.7	3.1	56.
9.3	33.3	2840.1	725.0	7.4	-1.4	259.7	9.7	9.5	1.7	307.6	321.9	4.9	55.5	3.6	60.
10.3	36.0	3129.1	700.0	7.3	-10.5	251.0	11.6	11.0	3.8	310.5	318.0	2.5	27.0	4.2	62.
11.3	38.7	3427.3	675.0	4.8	-0.8	247.4	12.5	11.5	4.5	311.0	326.7	3.0	67.0	4.9	63.
12.3	41.4	3738.2	650.0	2.4	-2.3	248.4	12.6	11.7	4.6	311.7	326.3	5.0	71.3	5.7	64.
13.4	44.2	4050.1	625.0	-0.1	-4.9	249.0	12.7	11.9	4.6	312.4	325.1	4.3	69.7	6.5	64.
14.4	47.1	4375.9	600.0	-2.8	-10.1	248.2	12.2	11.4	4.5	312.9	321.9	3.0	56.9	7.3	65.
15.5	50.0	4712.5	575.0	-4.9	-8.0	254.4	10.1	9.7	2.7	314.3	325.3	3.6	78.5	8.0	65.
16.6	53.0	5041.5	550.0	-6.7	-18.0	269.4	8.2	8.2	0.1	316.2	321.6	1.7	40.1	8.6	66.
17.9	56.0	5424.6	525.0	-7.3	-14.9	278.7	7.8	7.7	-1.2	319.7	327.0	2.3	54.1	9.0	68.
19.1	59.1	5804.3	500.0	-8.5	-25.3	269.5	9.0	9.0	0.1	322.7	322.9	0.0	1.0	9.7	70.
20.4	62.3	6200.6	475.0	-10.8	-25.5	272.5	8.6	8.6	-0.4	324.6	328.1	1.0	29.0	10.3	71.
21.9	65.6	6613.4	450.0	-14.4	-31.7	263.4	10.3	10.2	1.2	325.2	327.3	0.6	21.4	11.1	73.
23.5	69.0	7043.7	425.0	-17.2	-37.3	253.7	11.5	11.0	3.2	326.9	328.3	0.4	15.4	12.1	73.
25.1	72.6	7494.9	400.0	-21.2	-29.4	244.4	11.6	10.5	5.0	327.5	330.4	0.8	47.3	13.2	73.
26.7	76.3	7967.4	375.0	-25.5	-32.4	247.7	10.4	9.6	3.9	327.9	330.2	0.7	51.9	14.3	72.
28.4	80.0	8464.1	350.0	-29.2	-34.5	248.9	12.4	11.6	4.5	329.4	331.5	0.6	59.4	15.3	72.
30.0	84.0	8990.4	325.0	-32.7	-37.2	260.8	16.6	16.4	2.7	331.4	333.3	0.5	64.0	16.8	72.
31.9	88.2	9549.8	300.0	-36.6	-41.7	269.1	15.1	15.1	0.2	333.8	335.0	0.3	59.0	18.6	73.
33.1	92.5	10146.7	275.0	-41.8	-49.9	272.9	11.9	11.9	-0.6	334.7	339.9	99.9	99.9	20.2	75.
34.3	97.2	10788.1	250.0	-46.8	-52.7	272.8	15.4	15.3	-0.7	336.5	339.9	99.9	99.9	21.8	76.
35.5	102.0	11475.6	225.0	-52.7	-59.9	270.6	16.5	16.5	-0.2	337.7	339.9	99.9	99.9	23.9	78.
41.0	107.4	12227.9	200.0	-58.0	-59.9	264.6	22.3	22.2	2.1	340.9	339.9	99.9	99.9	26.6	79.
43.4	113.2	13057.9	175.0	-64.2	-59.9	268.8	31.8	31.8	0.7	344.0	339.9	99.9	99.9	30.5	79.
45.8	119.5	13992.2	150.0	-67.6	-59.9	280.7	28.9	28.4	-5.3	353.7	339.9	99.9	99.9	35.4	81.
48.6	126.7	15088.8	125.0	-63.4	-59.9	275.2	20.6	20.5	-1.9	380.2	339.9	99.9	99.9	38.2	83.
52.4	135.0	16485.7	100.0	-63.0	-59.9	281.6	15.2	14.9	-3.1	405.9	339.9	99.9	99.9	43.3	83.
57.8	144.7	18218.0	75.0	-65.0	-59.9	267.4	6.0	6.0	0.3	436.4	339.9	99.9	99.9	45.9	85.
60.6	156.0	20730.7	50.0	-59.9	-59.9	192.3	3.0	0.6	3.0	504.6	339.9	99.9	99.9	46.4	85.
83.5	167.0	25163.7	25.0	-51.2	-59.9	85.3	5.5	-5.5	-0.4	637.5	339.9	99.9	99.9	41.8	85.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

21 MAY 1979
505 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	172.0	993.0	20.2	17.0	50.0	4.1	-3.1	-2.6	293.9	326.2	12.4	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	6.9	330.2	575.0	15.2	17.4	51.8	9.1	-7.1	-5.6	294.5	328.2	13.0	89.4	0.3	230.
1.5	11.3	554.0	950.0	18.9	17.7	71.7	6.8	-6.4	-2.1	296.4	331.0	13.5	92.3	0.7	233.
2.4	13.6	783.6	925.0	18.3	17.2	999.9	99.9	99.9	99.9	298.0	333.7	13.5	92.3	99.9	99.9
3.2	16.0	1019.2	900.0	18.1	17.4	999.9	99.9	99.9	99.9	300.1	337.4	14.0	95.6	99.9	99.9
3.9	18.5	1260.4	875.0	16.1	15.4	999.9	99.9	99.9	99.9	300.2	334.4	12.7	95.9	99.9	99.9
4.6	20.9	1507.3	850.0	15.3	15.7	999.9	99.9	99.9	99.9	302.1	335.8	12.5	96.5	99.9	99.9
5.3	23.4	1760.7	825.0	13.7	13.1	999.9	99.9	99.9	99.9	303.1	334.5	11.6	96.2	99.9	99.9
6.1	25.9	2019.7	800.0	11.1	10.5	999.9	99.9	99.9	99.9	303.9	330.4	10.0	95.9	99.9	99.9
6.7	28.5	2285.1	775.0	10.1	9.6	999.9	99.9	99.9	99.9	304.7	331.5	9.7	96.5	99.9	99.9
7.1	31.1	2555.2	750.0	9.2	8.6	999.9	99.9	99.9	99.9	306.5	332.7	9.4	96.3	99.9	99.9
7.6	33.7	2840.0	725.0	8.8	8.3	999.9	99.9	99.9	99.9	309.2	335.9	9.5	96.3	99.9	99.9
8.0	36.4	3130.4	700.0	6.9	6.3	999.9	99.9	99.9	99.9	310.1	334.5	8.6	96.0	99.9	99.9
8.4	39.1	3429.0	675.0	5.1	4.4	999.9	99.9	99.9	99.9	311.3	333.8	7.8	95.7	99.9	99.9
8.7	41.9	3736.9	650.0	3.1	2.4	999.9	99.9	99.9	99.9	312.4	332.8	7.0	95.4	99.9	99.9
9.1	44.7	4054.5	625.0	0.9	0.2	999.9	99.9	99.9	99.9	313.2	331.9	6.3	95.1	99.9	99.9
9.6	47.5	4382.1	600.0	-1.8	-2.5	999.9	99.9	99.9	99.9	314.1	329.8	5.3	94.6	99.9	99.9
10.7	53.4	4719.2	575.0	-4.4	-6.2	999.9	99.9	99.9	99.9	314.6	327.4	4.2	87.3	99.9	99.9
12.1	53.4	5067.7	550.0	-7.5	-10.1	999.9	99.9	99.9	99.9	315.2	325.2	3.2	81.4	99.9	99.9
13.6	56.4	5423.7	525.0	-8.4	-11.6	999.9	99.9	99.9	99.9	316.4	327.7	3.0	77.6	99.9	99.9
15.4	59.5	5807.4	500.0	-10.1	-13.0	999.9	99.9	99.9	99.9	320.6	329.6	2.8	79.2	99.9	99.9
17.1	62.8	6201.2	475.0	-12.6	-15.9	999.9	99.9	99.9	99.9	322.4	329.9	2.3	75.9	99.9	99.9
18.5	66.0	6611.9	450.0	-15.2	-18.2	999.9	99.9	99.9	99.9	324.2	330.8	2.0	77.5	99.9	99.9
20.0	65.4	7041.5	425.0	-18.4	-22.3	999.9	99.9	99.9	99.9	325.4	330.3	1.5	71.2	99.9	99.9
21.4	72.9	7491.2	400.0	-21.3	-25.1	999.9	99.9	99.9	99.9	327.3	331.5	1.2	71.5	99.9	99.9
24.1	76.5	7964.7	375.0	-25.0	-29.3	999.9	99.9	99.9	99.9	328.6	331.7	0.9	67.1	99.9	99.9
25.7	80.3	8463.5	350.0	-28.1	-32.6	999.9	99.9	99.9	99.9	330.5	333.4	0.7	64.6	15.4	56.
27.5	84.2	8991.7	325.0	-31.6	-36.7	287.8	19.1	18.2	-5.9	333.2	335.0	0.5	60.4	17.0	61.
29.7	88.3	9554.5	300.0	-35.3	-40.7	283.6	21.0	20.4	-4.9	335.6	337.0	0.4	57.5	18.7	67.
31.3	92.6	10153.9	275.0	-40.5	-45.9	269.7	24.5	24.5	0.1	336.6	339.9	99.9	99.9	20.6	70.
33.5	97.0	10796.0	250.0	-45.9	-50.9	266.7	26.8	26.5	4.3	337.6	339.9	99.9	99.9	23.9	72.
36.5	101.8	11486.8	225.0	-52.6	-56.9	259.8	27.4	27.0	4.8	337.6	339.9	99.9	99.9	28.7	73.
40.0	106.8	12235.8	200.0	-59.7	-63.9	263.2	30.9	30.8	3.1	338.3	339.9	99.9	99.9	34.8	75.
44.8	112.5	13055.1	175.0	-67.8	-71.9	265.1	37.4	37.3	3.2	338.1	339.9	99.9	99.9	44.2	77.
53.9	119.5	13991.2	150.0	-61.9	-69.9	281.3	29.7	29.1	-5.8	363.8	339.9	99.9	99.9	64.6	80.
65.8	125.2	15107.3	125.0	-64.1	-69.9	278.9	17.3	17.1	-2.7	378.9	339.9	99.9	99.9	77.8	84.
78.3	133.0	16459.8	100.0	-67.4	-69.9	268.5	12.7	11.4	-5.7	397.6	339.9	99.9	99.9	86.8	87.
99.9	99.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
 LITTLE ROCK, ARKANSAS

 21 MAY 1979
 805 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.2	172.0	993.3	18.2	17.4	50.0	3.1	-2.4	-2.0	291.9	324.6	12.7	95.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	9.9	332.3	997.0	19.6	18.3	99.9	99.9	99.9	99.9	296.7	324.5	11.3	76.3	999.9	999.9
1.2	11.3	556.4	950.0	19.2	13.9	99.9	99.9	99.9	99.9	296.7	324.5	10.6	71.6	999.9	999.9
1.9	13.7	786.2	925.0	18.7	15.6	99.9	99.9	99.9	99.9	296.7	324.5	12.2	82.4	0.9	240.
2.5	16.2	1021.4	900.0	17.2	15.7	51.7	1.2	-1.0	-0.8	299.3	330.7	12.6	90.9	0.9	242.
3.2	18.7	1262.0	875.0	15.8	11.7	348.0	1.8	0.4	-1.8	300.2	327.0	9.9	76.4	0.9	239.
4.0	21.2	1508.0	850.0	14.2	11.0	10.0	2.6	-0.5	-2.6	301.6	327.5	9.8	81.5	1.0	232.
4.9	23.7	1759.7	825.0	12.0	10.0	345.6	1.5	0.3	-1.4	302.3	326.9	9.4	87.6	1.1	230.
5.8	26.3	2017.4	800.0	10.6	10.4	235.0	3.9	2.9	2.0	302.4	329.6	10.0	98.7	1.0	226.
6.8	29.0	2282.6	775.0	9.2	8.9	201.6	6.0	2.2	5.6	303.7	329.3	9.3	98.5	0.7	236.
7.7	31.7	2554.7	750.0	8.0	7.7	188.6	6.2	0.9	6.1	305.2	329.8	8.9	98.3	0.5	260.
9.0	34.3	2834.1	725.0	5.6	5.2	193.9	7.9	1.9	7.7	305.7	327.2	7.7	96.8	0.6	319.
11.5	37.0	3121.4	700.0	5.1	4.9	203.7	9.1	3.7	8.3	308.2	330.2	7.8	98.3	1.7	1.
13.3	39.9	3416.6	675.0	2.0	1.2	213.3	9.4	5.2	7.8	307.5	325.7	6.2	94.5	2.6	10.
14.2	42.7	3721.0	650.0	0.7	-0.2	210.1	10.2	5.1	8.8	309.8	326.6	5.8	93.5	3.1	14.
15.7	45.7	4036.5	625.0	0.4	-0.1	196.3	12.9	3.6	12.4	312.9	330.7	6.1	97.0	4.2	16.
16.9	48.6	4363.6	600.0	-1.2	-1.6	202.1	14.2	5.3	13.1	314.7	331.5	5.7	96.9	5.1	16.
17.7	51.6	4702.6	575.0	-3.4	-4.1	205.8	13.1	6.5	11.3	316.0	330.7	4.9	95.3	5.8	17.
18.9	54.8	5052.3	550.0	-6.4	-7.4	212.1	12.3	6.5	10.4	316.5	328.6	4.0	92.6	6.6	19.
20.0	57.9	5415.9	525.0	-7.7	-8.9	213.6	15.4	9.0	12.5	318.2	330.7	3.7	90.4	7.5	21.
21.5	61.1	5794.4	500.0	-10.0	-11.6	223.9	15.6	11.9	10.0	320.8	330.7	3.1	87.9	8.8	24.
23.1	64.4	6188.8	475.0	-12.2	-14.1	245.9	14.9	13.6	6.1	322.9	331.4	2.7	85.6	10.0	29.
24.7	67.9	6600.6	450.0	-14.8	-17.0	261.2	16.0	15.8	2.5	324.7	331.9	2.2	82.8	11.2	34.
26.4	71.3	7031.3	425.0	-17.5	-20.1	261.5	15.7	15.6	2.3	326.5	332.5	1.8	80.2	12.3	40.
28.5	75.0	7482.6	400.0	-21.0	-24.1	253.1	15.7	15.1	4.6	327.7	332.3	1.4	78.1	13.9	45.
30.4	78.7	7957.0	375.0	-24.1	-27.6	260.7	17.1	16.8	2.8	329.7	333.3	1.0	72.7	15.5	48.
32.5	82.6	8457.0	350.0	-27.8	-31.8	269.6	17.1	17.1	0.1	331.3	334.0	0.8	68.6	17.3	53.
34.7	86.7	8984.8	325.0	-32.3	-36.6	273.2	14.7	14.7	-0.6	332.1	334.0	0.5	65.2	19.0	57.
36.4	90.8	9543.8	300.0	-37.0	-41.4	273.4	14.1	14.0	-1.3	333.2	334.5	0.3	63.4	20.2	59.
38.4	95.3	10138.2	275.0	-43.0	-46.4	272.9	15.2	15.2	-0.9	334.0	334.5	99.9	999.9	21.6	62.
40.4	100.0	10773.4	250.0	-48.4	-51.9	272.9	17.0	17.0	-0.8	334.1	334.5	99.9	999.9	23.3	64.
42.6	105.0	11457.7	225.0	-54.7	-58.9	264.2	19.6	19.5	3.9	334.7	334.5	99.9	999.9	25.4	67.
44.8	110.3	12203.1	200.0	-60.4	-66.4	261.9	27.8	27.6	3.9	337.1	334.5	99.9	999.9	28.4	68.
47.4	116.0	13020.6	175.0	-66.8	-73.9	261.9	36.3	36.1	3.7	339.7	334.5	99.9	999.9	33.0	70.
51.1	122.3	13961.3	150.0	-62.1	-69.9	278.7	35.5	35.1	-5.4	363.1	334.5	99.9	999.9	41.8	74.
55.2	129.2	15083.4	125.0	-64.2	-71.9	287.2	18.4	17.6	-5.4	378.7	334.5	99.9	999.9	46.9	78.
60.8	137.0	16442.9	100.0	-65.6	-72.9	288.0	13.3	12.6	-4.1	401.0	334.5	99.9	999.9	51.6	81.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

21 MAY 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	6.5	172.0	993.2	17.7	17.1	60.0	3.6	-3.1	-1.8	291.4	323.4	12.4	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	8.1	330.7	975.0	17.2	16.6	69.8	11.3	-10.6	-3.9	292.8	324.3	12.3	96.4	0.2	238.
1.3	10.5	553.2	950.0	16.9	15.2	73.8	9.7	-9.3	-2.7	296.4	324.5	11.6	89.6	0.7	247.
2.2	12.8	781.0	925.0	16.8	12.2	84.0	7.2	-7.1	-0.8	298.3	322.1	9.7	75.0	1.1	251.
3.1	15.2	1014.8	900.0	15.8	11.6	93.8	6.4	-6.4	0.4	297.6	323.5	9.6	76.2	1.5	255.
4.0	17.6	1254.3	875.0	14.7	12.3	112.1	5.9	-5.4	2.2	295.1	326.8	10.4	85.7	1.8	260.
4.8	20.0	1499.4	850.0	13.1	12.5	127.5	5.4	-4.3	3.3	292.9	328.9	10.8	96.3	2.0	265.
5.7	22.4	1751.0	825.0	11.6	11.0	149.7	4.2	-2.1	3.6	300.9	328.2	10.1	96.0	2.2	270.
6.7	24.9	2008.2	800.0	9.5	8.5	159.5	4.1	-1.4	3.9	301.3	325.1	8.7	93.1	2.3	276.
7.7	27.5	2272.2	775.0	8.3	7.5	159.7	4.6	1.2	4.4	302.8	326.1	8.5	94.7	2.4	282.
8.7	30.0	2532.2	750.0	7.4	7.0	239.4	7.7	6.7	3.0	304.8	328.1	8.5	97.3	2.2	289.
9.8	32.6	2822.8	725.0	6.0	5.6	282.0	9.7	8.5	4.5	306.0	328.2	7.9	97.6	1.8	303.
10.9	35.3	3110.1	700.0	4.1	3.7	237.4	11.0	9.3	5.9	307.0	327.2	7.2	97.5	1.6	326.
12.0	39.0	3405.6	675.0	2.3	2.0	235.1	12.1	9.9	6.9	308.3	327.1	6.6	97.7	1.8	351.
13.1	43.8	3710.6	650.0	0.8	0.4	231.7	13.6	10.7	8.4	309.9	327.5	6.1	97.4	2.3	10.
14.4	43.6	4024.0	625.0	-0.1	-0.5	225.5	14.6	10.4	10.2	312.3	329.6	5.9	97.3	3.2	22.
15.7	46.4	4352.1	600.0	-2.3	-2.8	224.2	14.5	10.1	10.4	313.5	328.9	5.2	96.7	4.3	28.
17.1	49.4	4689.5	575.0	-4.2	-4.8	223.8	15.6	10.8	11.3	315.1	329.1	4.7	95.4	5.5	32.
18.5	52.4	5039.7	550.0	-5.9	-6.7	223.7	16.4	12.7	13.3	317.1	329.0	4.2	94.1	6.9	34.
19.9	55.5	5403.1	525.0	-8.3	-9.5	225.6	18.9	13.5	13.2	318.5	329.4	3.5	90.7	8.4	36.
21.2	58.6	5781.0	500.0	-10.4	-11.5	233.6	18.8	15.0	11.0	320.4	330.3	3.2	91.3	9.9	38.
22.6	61.9	6175.1	475.0	-12.5	-13.7	244.8	18.5	16.7	7.9	322.5	331.4	2.8	90.6	11.4	41.
24.0	65.1	6586.9	450.0	-14.8	-16.5	257.8	19.2	18.8	4.1	324.7	332.2	2.3	86.4	12.8	44.
25.6	63.5	7018.3	425.0	-17.3	-19.5	269.7	17.3	17.3	0.1	326.8	333.1	1.9	82.7	14.1	49.
27.1	72.0	7469.9	400.0	-20.8	-23.5	269.5	15.7	15.7	0.1	327.9	332.8	1.4	79.3	15.3	53.
28.7	75.7	7944.4	375.0	-24.2	-26.8	266.6	15.6	15.5	0.9	328.6	333.4	1.1	78.7	16.5	56.
30.3	79.5	8444.0	350.0	-28.2	-31.5	267.4	15.4	15.4	0.7	330.8	333.5	0.8	72.6	17.8	58.
32.0	83.4	8971.9	325.0	-32.3	-36.4	264.7	16.5	16.5	1.5	332.2	334.1	0.5	66.1	19.2	60.
33.6	87.5	9531.5	300.0	-36.7	-41.4	263.5	18.1	18.0	2.1	333.6	334.9	0.3	61.7	20.7	62.
35.3	91.8	10126.8	275.0	-42.3	-49.9	263.5	21.5	21.4	2.4	333.9	339.9	99.9	99.9	22.6	64.
37.3	96.4	10762.8	250.0	-48.1	-59.9	264.2	22.8	22.7	2.3	334.6	399.9	99.9	99.9	25.1	66.
39.4	101.2	11447.6	225.0	-53.7	-69.9	261.5	26.9	26.6	4.0	336.2	399.9	99.9	99.9	28.3	68.
41.8	106.5	12193.1	200.0	-60.3	-79.9	271.8	31.6	31.6	-1.0	337.2	399.9	99.9	99.9	31.9	70.
44.5	112.2	13013.4	175.0	-65.7	-89.9	271.3	36.5	36.5	-0.8	341.5	399.9	99.9	99.9	37.1	73.
47.8	118.2	13937.2	150.0	-61.9	-89.9	284.6	33.1	32.0	-8.3	363.5	399.9	99.9	99.9	44.4	77.
52.1	125.3	15084.8	125.0	-60.6	-89.9	293.4	15.6	14.3	-6.2	385.2	399.9	99.9	99.9	49.3	81.
56.6	133.0	16450.3	100.0	-63.9	-99.9	297.2	11.0	10.5	-3.3	404.0	399.9	99.9	99.9	52.1	82.
63.1	142.3	18206.6	75.0	-63.7	-99.9	299.4	7.2	7.1	1.3	439.3	399.9	99.9	99.9	55.0	83.
71.8	153.0	20233.0	50.0	-56.6	-99.9	326.3	4.2	2.3	-3.5	510.2	399.9	99.9	99.9	56.4	83.
85.9	164.5	25200.4	25.0	-49.9	-99.9	101.5	5.7	-5.6	1.1	641.3	399.9	99.9	99.9	51.1	83.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI20 MAY 1979
1405 GMT

104 185. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	438.0	961.4	16.7	15.1	80.0	7.7	-7.6	-1.3	293.1	322.5	11.3	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	10.6	540.1	950.0	16.5	14.5	999.9	99.9	99.9	99.9	294.0	322.6	11.0	87.6	999.9	999.9
1.2	13.0	767.0	925.0	14.9	12.9	999.9	99.9	99.9	99.9	294.6	321.4	10.2	88.0	999.9	999.9
2.1	15.5	999.9	900.0	15.9	10.6	93.7	16.6	-13.4	-9.8	297.9	321.9	9.0	70.6	2.0	242.
3.1	19.0	1239.4	875.0	15.7	9.4	36.5	9.5	-5.7	-7.7	300.1	323.2	8.5	66.2	2.8	239.
4.1	20.5	1486.1	850.0	15.7	8.0	7.4	4.9	-0.6	-4.9	302.6	324.6	8.0	60.3	3.1	234.
5.3	22.9	1739.4	825.0	14.6	6.7	332.7	2.5	1.2	-2.3	304.0	324.9	7.5	58.9	3.2	231.
5.9	25.5	1999.3	800.0	12.9	5.8	288.7	4.0	3.8	-1.3	304.9	325.3	7.3	62.2	3.2	229.
6.9	29.1	2265.5	775.0	11.0	5.3	280.5	7.6	7.5	-1.4	305.7	326.0	7.2	67.5	2.9	224.
7.9	30.7	2538.6	750.0	8.8	5.3	284.9	11.2	10.9	-2.8	306.1	327.1	7.5	78.6	2.7	213.
9.1	33.4	2818.7	725.0	6.4	5.3	284.2	14.1	13.7	-3.5	306.5	328.2	7.7	92.7	2.6	193.
10.4	36.1	3106.4	700.0	5.4	5.0	285.3	14.5	14.0	-3.8	308.5	330.7	7.8	97.2	2.8	168.
11.5	39.9	3403.7	675.0	3.5	3.2	287.0	17.7	16.9	-5.2	309.6	330.1	7.2	97.8	3.4	156.
12.6	41.7	3709.6	650.0	1.1	0.4	280.7	27.6	27.1	-5.1	310.2	327.9	6.1	95.3	4.4	139.
13.6	44.5	4025.4	625.0	0.2	-2.7	283.7	33.2	32.2	-7.8	312.6	327.5	5.0	81.0	6.2	129.
14.7	47.4	4351.4	600.0	-2.8	-3.7	282.1	38.4	37.6	-8.0	312.9	327.3	4.9	93.5	8.3	121.
15.9	50.4	4687.5	575.0	-5.5	-10.3	277.8	37.3	36.9	-5.1	313.5	322.9	3.1	69.4	10.9	116.
16.9	53.4	5035.6	550.0	-7.2	-14.8	275.8	30.9	30.7	-3.1	315.6	322.5	2.2	54.3	13.0	113.
18.3	56.5	5397.1	525.0	-8.8	-16.3	278.8	19.5	19.3	-3.0	317.9	324.3	2.0	54.6	14.9	111.
19.7	59.8	5774.1	500.0	-10.9	-18.5	278.0	24.9	23.6	-7.7	319.7	325.5	1.8	53.6	16.6	110.
21.0	63.0	6166.9	475.0	-12.7	-18.8	285.0	15.4	14.9	-4.0	322.3	328.2	1.8	59.6	18.6	110.
22.5	66.3	6577.6	450.0	-15.6	-21.6	282.9	3.9	3.5	1.8	323.6	328.6	1.5	59.6	19.0	110.
24.0	69.9	7006.5	425.0	-18.8	-27.0	278.6	13.1	13.0	-2.0	324.8	328.2	1.0	48.5	19.4	109.
25.6	73.3	7456.6	400.0	-21.3	-33.5	288.7	25.0	23.7	-8.0	327.4	327.5	0.0	1.0	21.5	109.
27.1	77.0	7928.7	375.0	-25.4	-46.2	288.1	29.1	27.7	-9.1	327.5	328.0	0.0	1.0	24.0	109.
28.7	80.9	8426.3	350.0	-28.2	-66.4	289.7	23.8	22.4	-8.0	330.6	330.8	0.0	1.3	26.7	109.
30.5	85.0	8952.6	325.0	-33.0	-85.6	285.4	19.6	18.9	-5.2	331.2	331.4	0.1	8.3	29.0	109.
32.5	89.2	9510.8	300.0	-37.2	-105.8	284.2	24.1	23.4	-5.9	333.8	333.7	0.2	36.7	31.4	108.
34.3	93.5	10106.1	275.0	-41.9	-129.9	271.4	23.8	23.8	-0.6	334.5	999.9	99.9	999.9	34.2	108.
36.5	98.2	10743.9	250.0	-47.1	-159.9	265.3	29.4	29.3	2.4	336.0	999.9	99.9	999.9	37.1	106.
39.8	103.2	11432.0	225.0	-53.2	-199.9	265.7	30.5	30.4	2.3	337.0	999.9	99.9	999.9	41.2	104.
40.8	108.5	12178.8	200.0	-60.2	-229.9	999.9	99.9	99.9	99.9	337.4	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
 MONETT, MISSOURI
 20 MAY 1979
 1705 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	438.0	962.4	21.9	16.8	110.0	7.7	-7.2	2.6	298.3	331.8	12.7	73.0	0.0	0.
99.9	99.9	1000.0	962.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	10.7	550.2	950.0	18.9	14.5	114.9	7.1	-6.5	3.0	296.4	325.4	11.0	75.4	0.3	293.
1.3	13.1	778.8	925.0	16.5	13.8	120.5	7.0	-6.0	3.6	296.2	324.8	10.8	84.2	0.6	297.
2.3	14.5	1012.2	900.0	15.5	11.3	103.9	7.0	-7.4	1.8	297.5	322.8	9.5	76.9	1.0	297.
3.1	17.9	1251.5	875.0	15.4	6.9	81.7	6.5	-6.5	-0.9	299.6	319.5	7.2	56.6	1.3	291.
3.8	20.4	1456.9	850.0	13.9	5.7	39.7	4.3	-2.8	-3.3	300.7	319.5	6.8	57.8	1.5	285.
4.7	22.9	1748.4	825.0	12.9	4.9	350.7	5.3	0.9	-5.2	302.2	320.6	6.6	58.5	1.5	277.
5.5	25.4	2006.6	800.0	10.8	4.1	337.4	6.3	2.4	-5.8	302.7	320.7	6.4	63.3	1.4	265.
6.5	29.0	2270.8	775.0	9.8	3.5	319.3	7.2	4.7	-5.5	304.4	322.2	6.4	64.6	1.3	248.
7.4	30.6	2542.6	750.0	7.3	3.2	307.1	8.2	6.5	-5.0	304.4	322.6	6.4	75.0	1.1	229.
8.4	33.0	2821.0	725.0	5.5	2.1	310.6	9.9	7.5	-6.4	305.5	322.9	6.2	78.5	1.1	203.
9.4	35.7	3108.7	700.0	5.9	-0.3	302.3	14.6	12.3	-7.8	309.0	324.6	5.4	64.5	1.5	177.
10.4	38.3	3407.3	675.0	6.1	-3.3	291.5	19.3	17.9	-7.1	312.2	325.7	4.5	51.0	2.3	151.
11.5	41.1	3715.5	650.0	3.7	-3.3	282.2	20.8	20.4	-4.4	313.1	326.8	4.6	60.0	3.4	134.
12.6	43.9	4032.7	625.0	0.8	-5.5	277.4	21.3	21.2	-2.8	313.3	325.5	4.1	62.9	4.5	125.
13.7	46.8	4359.1	600.0	-2.3	-7.6	275.4	21.2	21.1	-2.0	313.4	324.3	3.6	66.8	5.8	118.
15.0	49.8	4695.5	575.0	-5.2	-10.2	277.1	21.1	21.0	-2.6	314.0	323.3	3.1	67.8	7.3	111.
16.2	52.8	5043.5	550.0	-7.8	-12.4	280.8	19.8	19.5	-3.7	314.5	323.2	2.7	69.6	8.8	111.
17.5	55.8	5404.3	525.0	-9.3	-15.7	279.0	17.0	16.8	-3.7	317.2	324.5	2.1	59.8	10.3	109.
18.9	59.0	5780.4	500.0	-11.6	-18.7	279.0	16.2	15.8	-2.7	318.9	324.5	1.7	55.7	11.7	108.
20.2	62.1	6172.5	475.0	-13.2	-25.7	283.3	16.2	15.8	-3.7	321.6	324.9	1.0	33.9	13.0	107.
21.6	65.5	6561.0	450.0	-17.8	-33.2	283.4	18.9	18.4	-4.4	321.8	323.8	0.6	25.7	14.4	107.
23.1	68.9	7006.7	425.0	-20.7	-50.8	281.9	22.4	21.9	-4.6	322.5	322.8	0.1	4.8	16.2	107.
24.7	72.4	7452.7	400.0	-23.6	-45.3	284.3	24.0	23.2	-5.9	324.3	324.9	0.2	11.5	18.5	106.
26.3	76.0	7921.3	375.0	-26.9	-37.6	276.8	23.7	23.2	-2.8	326.0	327.4	0.4	35.2	20.8	106.
28.0	79.8	8416.7	350.0	-29.8	-37.3	269.3	24.1	23.1	0.3	328.2	330.2	0.4	47.5	23.1	104.
29.7	83.8	8939.7	325.0	-34.8	-42.5	269.9	26.5	26.5	0.1	328.8	329.8	0.3	45.1	25.6	103.
31.5	87.8	9453.9	300.0	-38.8	-51.0	270.3	30.3	30.3	-0.2	330.7	331.2	0.1	26.0	28.6	101.
33.4	92.2	10086.1	275.0	-42.4	99.9	270.2	32.7	32.7	-0.1	333.2	333.2	99.9	99.9	32.2	100.
35.4	96.8	10722.5	250.0	-47.4	99.9	268.7	34.7	34.7	0.8	335.6	335.6	99.9	99.9	36.1	99.
37.4	101.8	11411.6	225.0	-52.7	99.9	268.1	35.0	35.0	1.2	337.6	337.6	99.9	99.9	40.3	98.
39.6	107.0	12161.5	200.0	-58.9	99.9	267.2	33.5	33.5	1.6	339.5	339.5	99.9	99.9	44.7	97.
42.1	112.7	12988.1	175.0	-65.0	99.9	265.2	30.9	30.8	2.6	342.7	342.7	99.9	99.9	49.5	96.
44.3	119.0	13917.2	150.0	-68.8	99.9	265.6	33.1	33.0	2.5	351.6	351.6	99.9	99.9	54.5	95.
47.9	126.0	15038.2	125.0	-57.9	99.9	274.8	19.6	19.5	-1.4	405.2	405.2	99.9	99.9	59.6	95.
51.9	134.0	16422.5	100.0	-63.2	99.9	252.5	13.2	12.6	4.0	405.2	405.2	99.9	99.9	62.6	94.
56.9	143.0	18182.0	75.0	-64.4	99.9	263.4	8.1	8.1	0.9	438.0	438.0	99.9	99.9	65.8	93.
63.7	153.0	20722.2	50.0	-57.1	99.9	139.6	3.7	-2.4	2.6	509.0	509.0	99.9	99.9	67.5	91.
74.5	163.0	25197.0	25.0	-49.7	99.9	99.9	99.9	99.9	99.9	641.8	641.8	99.9	99.9	67.1	91.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
 HONETT, MISSOURI

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	438.0	962.8	23.3	15.6	20.0	6.0	-2.1	-5.6	299.7	332.9	12.5	66.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	10.5	554.6	950.0	21.0	13.7	40.1	6.6	-4.2	-5.0	298.5	328.1	11.1	67.3	0.2	203.
1.1	12.9	784.9	925.0	18.7	13.5	42.3	5.9	-4.0	-4.4	298.4	326.7	10.6	72.0	0.4	216.
1.9	15.3	1015.9	900.0	16.6	13.4	32.7	5.3	-2.9	-4.5	298.6	327.5	10.9	81.8	0.6	215.
2.4	17.8	1259.5	875.0	14.2	12.3	40.2	4.9	-3.1	-3.7	298.6	326.3	10.4	88.4	0.9	215.
3.6	20.3	1504.3	850.0	12.7	11.3	53.7	2.6	-2.1	-1.5	299.4	326.2	10.0	91.2	1.1	218.
4.6	22.8	1759.9	825.0	10.8	9.5	88.0	2.0	-2.0	-0.1	300.0	324.7	9.1	92.0	1.2	220.
5.6	25.3	2011.4	800.0	8.8	8.1	129.8	1.7	-1.3	1.1	300.5	323.8	8.6	95.8	1.3	225.
6.6	27.9	2274.1	775.0	7.4	1.7	216.8	1.9	1.1	1.5	301.8	317.6	5.7	67.8	1.2	228.
7.7	30.4	2545.1	750.0	7.7	1.3	287.0	3.6	3.6	0.2	305.0	321.0	5.6	63.7	1.0	223.
8.9	33.3	2824.9	725.0	8.0	-2.9	280.4	6.0	5.9	-1.1	308.3	321.0	4.4	47.7	0.9	206.
10.0	36.0	3115.0	700.0	8.2	-5.8	272.1	9.5	9.5	-0.3	311.6	320.1	2.8	28.8	0.9	174.
11.2	39.8	3414.1	675.0	5.8	-5.7	271.6	12.4	12.4	-0.3	312.1	323.2	3.7	43.4	1.3	135.
12.5	41.7	3721.7	650.0	2.9	-5.8	272.6	15.4	15.4	-0.8	313.2	323.6	3.8	52.8	2.1	116.
13.8	44.6	4038.0	625.0	0.6	-13.1	274.2	17.6	17.5	-1.3	313.1	317.6	1.4	21.7	3.4	107.
15.1	47.4	4363.8	600.0	-1.7	-43.8	274.5	16.1	16.1	-1.3	318.1	314.4	0.1	1.4	4.8	104.
16.5	50.4	4705.9	575.0	-4.5	-13.1	271.5	14.0	14.0	-0.4	318.8	322.3	2.4	51.0	6.0	101.
17.9	53.4	5049.3	550.0	-7.1	-13.4	275.0	13.5	13.5	-0.5	315.6	323.3	2.5	60.8	7.1	100.
19.3	56.5	5418.9	525.0	-9.7	-16.6	269.9	14.4	14.4	0.0	315.7	323.0	2.0	56.9	8.3	99.
20.8	59.8	5785.5	500.0	-12.3	-38.7	273.3	16.5	16.5	-1.0	318.1	319.5	0.4	13.9	9.6	98.
22.3	63.0	6178.2	475.0	-13.9	-59.7	284.0	18.3	17.8	-4.4	320.7	320.9	0.0	1.0	11.2	98.
23.9	66.4	6585.3	450.0	-16.3	-57.4	285.7	19.7	19.0	-5.3	322.7	322.9	0.0	1.6	13.0	99.
25.5	69.8	7012.5	425.0	-19.8	-46.4	277.9	19.0	18.9	-2.6	323.6	324.1	0.1	7.3	14.9	99.
27.2	73.3	7459.5	400.0	-23.2	-46.6	268.0	19.9	19.9	0.7	324.9	325.9	0.3	20.0	16.9	99.
28.9	77.0	7928.2	375.0	-27.0	-33.2	268.2	20.8	20.8	0.7	325.9	328.0	0.6	55.2	18.9	97.
30.6	80.8	8421.6	350.0	-31.1	-43.3	275.2	21.5	21.4	-1.9	326.9	327.8	0.2	29.0	21.1	97.
32.6	84.8	8943.1	325.0	-34.9	-65.0	276.8	26.3	26.1	-3.1	328.6	328.6	0.0	3.2	23.8	97.
34.6	89.0	9498.8	300.0	-38.8	-58.1	270.9	33.6	33.6	-0.5	330.7	330.9	0.0	10.8	27.4	96.
36.6	93.4	10088.6	275.0	-43.1	-99.9	263.4	37.8	37.5	4.3	332.8	339.9	99.9	999.9	31.7	95.
38.8	98.0	10724.6	250.0	-47.5	99.9	264.0	37.7	37.5	3.9	335.5	339.9	99.9	999.9	30.7	93.
41.2	103.0	11412.3	225.0	-52.7	99.9	267.1	38.6	36.5	1.9	337.7	339.9	99.9	999.9	41.9	92.
43.6	108.3	12164.8	200.0	-57.7	99.9	265.2	35.4	35.3	2.9	341.5	339.9	99.9	999.9	47.1	92.
46.2	114.0	12993.6	175.0	-63.8	99.9	260.5	32.4	32.0	5.4	344.6	339.9	99.9	999.9	52.4	91.
49.1	120.2	13934.1	150.0	-66.1	99.9	263.7	33.2	33.0	3.6	350.3	339.9	99.9	999.9	58.2	90.
52.5	127.2	15055.5	125.0	-61.6	99.9	264.4	22.3	22.2	2.2	383.5	339.9	99.9	999.9	64.2	90.
56.4	135.0	16434.5	100.0	-62.7	99.9	268.8	18.2	17.8	3.5	406.4	339.9	99.9	999.9	68.5	89.
61.8	144.3	18205.2	75.0	-60.0	99.9	265.6	11.1	11.1	0.1	447.1	339.9	99.9	999.9	72.9	89.
69.6	154.5	20757.4	50.0	-55.9	99.9	185.6	3.1	0.3	3.1	511.8	339.9	99.9	999.9	74.9	89.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	59.5	339.9	59.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI
20 MAY 1979
2305 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEV PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DEG K	E POT Y DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.5	438.0	961.7	21.7	14.8	30.0	4.6	-2.3	-4.0	298.2	327.8	11.1	65.0	0.0	0.
99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	10.7	544.4	950.0	21.0	14.7	34.2	7.4	-4.1	-6.1	298.0	328.2	11.1	67.1	0.2	209.
1.1	13.1	775.0	925.0	19.3	14.5	40.9	6.6	-4.3	-5.0	299.0	329.3	11.4	74.1	0.4	212.
2.0	15.6	1010.2	900.0	16.6	14.0	47.7	6.7	-5.0	-4.5	298.6	328.6	11.3	84.8	0.8	219.
2.8	19.1	1249.9	875.0	14.5	12.0	47.4	5.7	-4.2	-3.9	298.9	326.1	10.2	84.9	1.1	221.
3.7	20.6	1498.3	850.0	13.5	10.9	45.9	5.5	-2.5	-2.4	300.3	326.5	9.7	84.1	1.3	222.
4.5	23.1	1746.6	825.0	11.6	9.2	54.1	2.0	-1.7	-1.2	300.9	325.1	8.9	85.1	1.5	223.
5.5	25.8	2004.0	800.0	9.9	9.1	112.5	0.6	-0.5	0.2	301.7	326.6	9.1	94.5	1.5	224.
6.4	28.3	2267.5	775.0	7.7	7.3	259.4	0.8	0.6	0.1	302.1	325.0	8.3	97.1	1.5	224.
7.4	30.9	2538.4	750.0	6.8	1.8	322.7	1.0	0.6	-0.8	306.1	322.7	5.8	61.5	1.5	221.
8.5	33.7	2818.9	725.0	7.6	-0.0	304.8	1.8	1.5	-1.0	307.6	324.4	5.3	58.3	1.5	219.
9.4	36.3	3107.4	700.0	5.9	-0.4	272.2	4.7	4.7	-0.2	309.0	324.4	5.3	64.0	1.5	213.
10.5	39.1	3404.7	675.0	4.7	-1.3	255.7	8.0	7.8	2.0	310.9	326.0	5.2	64.7	1.2	198.
11.8	42.0	3712.0	650.0	3.2	-3.4	242.1	6.2	8.1	1.1	312.6	326.2	4.6	61.8	1.0	164.
12.9	44.9	4028.8	625.0	0.2	-2.6	242.5	9.3	9.3	-0.7	312.7	327.7	5.1	81.3	1.3	141.
14.1	47.9	4355.1	600.0	-2.4	-3.9	250.3	11.1	10.9	-2.0	313.3	327.5	4.8	89.4	1.9	124.
15.3	51.9	4692.5	575.0	-4.1	-9.5	280.3	11.1	11.0	-2.0	315.2	325.0	3.2	66.1	2.7	118.
16.6	53.9	5041.8	550.0	-6.6	-9.9	277.5	10.9	10.8	-1.4	316.2	326.3	3.3	77.1	3.5	113.
17.9	57.0	5403.3	525.0	-9.9	-15.1	281.8	12.6	12.3	-2.6	316.6	323.6	2.2	65.3	4.3	110.
19.2	60.3	5779.2	500.0	-11.0	-26.9	285.8	14.2	13.6	-3.9	319.7	319.8	0.0	1.0	5.4	109.
20.5	63.6	6170.6	475.0	-14.1	-36.8	293.8	14.6	13.4	-5.9	320.8	320.7	0.0	1.0	6.6	109.
21.9	67.0	6579.2	450.0	-16.6	-32.1	286.5	15.2	14.6	-4.3	322.4	324.4	0.6	24.6	7.8	110.
23.5	70.4	7006.4	425.0	-15.6	-36.1	269.3	15.2	15.2	0.2	323.9	325.4	0.4	21.5	9.2	108.
25.0	74.0	7454.5	400.0	-22.5	-32.9	263.0	16.1	16.0	2.0	325.7	327.8	0.6	37.9	10.6	105.
26.7	77.7	7924.1	375.0	-27.0	-34.3	270.3	16.1	16.1	-0.1	325.5	327.9	0.6	49.6	12.1	102.
28.4	81.7	8417.4	350.0	-31.0	-42.9	280.0	17.7	17.4	-3.1	327.0	327.9	0.2	29.6	13.7	101.
30.0	85.7	8939.9	325.0	-34.5	-48.6	286.8	24.2	23.2	-7.0	329.2	329.7	0.1	22.2	15.7	102.
31.9	89.8	9454.7	300.0	-38.4	-44.1	279.0	29.7	29.3	-4.6	331.2	332.2	0.2	54.8	18.9	102.
33.9	94.3	10087.8	275.0	-42.3	99.9	270.6	35.5	35.5	-0.4	334.0	999.9	99.9	999.9	22.6	101.
35.9	99.0	10725.9	250.0	-47.1	99.9	268.4	38.1	38.1	1.0	336.1	999.9	99.9	999.9	27.0	99.
39.0	104.0	11415.1	225.0	-52.1	59.9	268.9	41.9	41.9	0.8	338.7	999.9	99.9	999.9	32.1	97.
40.5	109.4	12168.1	200.0	-56.8	99.9	261.7	40.1	39.7	5.8	342.2	999.9	99.9	999.9	38.1	95.
43.1	115.2	13001.6	175.0	-62.7	99.9	268.3	42.6	42.6	1.3	346.5	999.9	99.9	999.9	44.3	94.
45.9	121.5	13939.7	150.0	-68.4	99.9	275.8	37.0	36.9	-3.7	352.3	999.9	99.9	999.9	51.3	94.
49.8	128.7	15049.6	125.0	-60.1	99.9	275.6	22.8	22.7	-2.2	386.2	999.9	99.9	999.9	57.8	94.
54.1	136.3	16444.7	100.0	-62.0	99.9	266.0	17.3	17.3	1.2	408.1	999.9	99.9	999.9	62.5	94.
59.5	145.5	18208.6	75.0	-64.1	99.9	294.3	9.8	8.9	-4.0	434.2	999.9	99.9	999.9	67.1	93.
67.1	155.3	20748.8	50.0	-56.8	99.9	233.8	3.1	2.5	1.8	509.6	999.9	99.9	999.9	68.3	94.
79.2	165.3	25224.6	25.0	-51.2	99.9	999.9	99.9	99.9	99.9	598.0	999.9	99.9	999.9	67.2	94.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
 MONETT, MISSOURI

 21 MAY 1979
 205 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	438.0	963.4	19.2	16.2	30.0	4.6	-2.3	-4.0	295.5	327.4	12.2	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	11.6	558.9	950.0	19.1	15.2	36.5	7.8	-2.7	-6.3	296.6	327.0	11.5	77.7	0.2	21.
1.3	11.1	786.4	925.0	18.0	13.6	38.8	8.1	-3.1	-5.1	297.7	326.1	10.7	75.7	0.6	21.
2.0	16.5	1023.0	900.0	16.7	10.3	42.7	7.3	-5.0	-5.4	298.7	322.4	8.8	65.8	0.9	21.
2.9	19.0	1262.6	875.0	15.2	8.5	51.9	6.2	-4.9	-3.8	299.6	321.3	8.0	64.2	1.3	22.
3.8	21.5	1508.5	850.0	14.4	7.6	59.0	5.4	-4.6	-2.8	301.2	322.5	7.8	63.8	1.6	23.
4.5	21.1	1760.1	825.0	12.4	6.1	63.4	4.6	-4.1	-2.1	301.7	321.6	7.2	65.4	1.8	23.
5.5	26.6	2017.9	800.0	10.6	4.9	65.7	3.4	-3.1	-1.4	302.4	321.4	6.8	68.0	2.0	22.
6.6	29.2	2282.1	775.0	9.5	3.3	40.4	2.2	-1.4	-1.7	304.0	321.7	6.3	65.5	2.2	22.
7.6	31.9	2553.5	750.0	7.6	1.2	6.8	1.7	-0.2	-1.7	304.6	320.7	5.6	63.9	2.3	22.
8.5	34.6	2832.6	725.0	5.9	1.1	295.7	2.4	2.2	-1.1	305.5	322.3	5.7	71.3	2.3	22.
9.5	37.3	3119.7	700.0	4.8	1.4	263.2	5.8	5.7	0.7	307.8	325.2	6.1	78.8	2.2	22.
10.7	40.1	3416.7	675.0	4.5	-0.5	260.5	8.4	8.3	1.4	310.7	326.7	5.5	70.0	1.8	21.
11.8	42.9	3723.7	650.0	2.6	-2.2	266.9	8.3	8.3	0.4	312.0	326.8	5.0	70.4	1.5	19.
12.9	45.9	4039.9	625.0	0.0	-2.7	282.2	8.3	8.2	-1.8	312.5	327.4	5.0	81.9	1.5	17.
14.1	48.8	4366.1	600.0	-2.2	-6.0	292.1	8.4	7.8	-3.2	313.6	325.8	4.1	74.9	1.9	15.
15.3	51.8	4703.2	575.0	-4.5	-10.8	290.6	7.9	7.4	-2.8	314.7	323.7	2.9	61.4	2.3	14.
16.6	54.9	5051.6	550.0	-7.6	-12.6	287.3	6.3	7.9	-2.5	315.1	323.3	2.6	66.8	2.8	13.
17.9	58.0	5412.1	525.0	-9.9	-32.8	286.5	8.9	8.5	-2.5	316.6	318.1	0.5	13.2	3.5	13.
19.3	61.3	5787.5	500.0	-12.0	-25.2	283.4	8.4	8.1	-1.9	318.4	321.7	1.0	32.5	4.1	12.
20.8	64.4	6175.1	475.0	-13.2	-18.3	275.8	7.9	7.9	-0.8	321.6	327.8	1.9	65.6	4.8	12.
22.3	67.9	6588.9	450.0	-15.9	-22.5	272.8	8.0	8.0	-0.4	323.2	327.9	1.4	56.7	5.4	12.
23.8	71.4	7017.1	425.0	-19.3	-26.3	279.7	9.6	9.5	-1.6	324.2	327.7	1.0	53.9	6.1	11.
25.2	75.0	7464.4	400.0	-23.5	-28.5	290.3	11.6	10.9	-4.0	324.5	327.5	0.9	63.1	6.9	11.
26.6	78.7	7933.3	375.0	-27.2	-32.2	296.1	16.3	14.6	-7.1	325.6	327.9	0.7	62.2	8.1	11.
28.0	82.6	8428.1	350.0	-29.8	-33.3	277.1	19.6	19.5	-2.4	328.6	330.9	0.6	71.0	9.7	11.
29.8	86.7	8952.8	325.0	-33.1	-36.3	246.4	20.7	19.0	8.3	331.1	333.0	0.5	72.9	11.5	10.
31.4	90.8	9510.4	300.0	-37.8	-41.0	231.7	21.1	18.5	13.1	332.1	333.4	0.3	71.4	12.9	10.
33.0	95.3	10104.9	275.0	-42.4	99.9	226.5	25.0	18.1	17.2	333.8	999.9	99.9	999.9	14.3	9.
35.3	100.0	10742.3	250.0	-47.4	99.9	223.1	27.2	18.6	19.9	335.6	999.9	99.9	999.9	16.9	8.
37.7	105.0	11429.8	225.0	-53.1	99.9	223.3	28.1	19.3	20.5	337.2	999.9	99.9	999.9	19.9	7.
40.3	110.4	12179.5	200.0	-58.4	99.9	238.8	27.2	23.3	14.1	340.3	999.9	99.9	999.9	23.9	7.
42.8	116.2	13005.6	175.0	-64.7	99.9	254.1	25.0	24.1	6.8	343.1	999.9	99.9	999.9	27.8	7.
45.9	122.7	13935.7	150.0	-67.8	99.9	270.6	23.4	23.4	-0.2	353.3	999.9	99.9	999.9	32.2	7.
49.4	129.7	15047.2	125.0	-65.1	99.9	276.6	15.1	13.0	-1.7	377.1	999.9	99.9	999.9	35.8	7.
53.8	138.0	16416.4	100.0	-64.1	99.9	271.5	12.0	12.0	-0.3	404.0	999.9	99.9	999.9	39.2	7.
58.7	147.0	18171.9	75.0	-61.2	99.9	283.6	8.1	7.9	-1.9	444.6	999.9	99.9	999.9	42.1	7.
65.7	157.3	20720.5	50.0	-60.0	99.9	253.1	3.1	3.0	0.9	502.3	999.9	99.9	999.9	43.5	7.
77.9	167.5	25149.8	25.0	-51.3	99.9	999.9	99.9	99.9	99.9	637.5	999.9	99.9	999.9	43.9	7.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI

21 MAY 1979
505 GMT

159 17. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR RTO GM/KG	RH PCT	RANGE KN	AZ DG
0.0	9.4	438.0	964.1	17.7	16.0	70.0	2.6	-2.4	-0.9	293.5	325.1	12.0	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	10.6	565.4	950.0	19.3	18.2	99.9	99.9	99.9	99.9	296.8	333.4	14.0	93.1	99.9	99.9
1.3	13.1	794.9	925.0	17.8	16.1	99.9	99.9	99.9	99.9	297.2	330.7	12.6	89.8	99.9	99.9
2.2	15.5	1029.4	900.0	16.3	12.1	99.9	99.9	99.9	99.9	298.4	325.0	10.0	76.2	99.9	99.9
3.1	18.0	1262.8	875.0	14.3	12.6	99.9	99.9	99.9	99.9	298.6	326.8	10.5	69.6	99.9	99.9
4.1	20.5	1513.9	850.0	12.8	12.3	74.5	9.1	-8.8	-2.4	299.6	328.2	10.7	96.8	99.9	99.9
5.1	23.0	1765.3	825.0	12.0	11.0	77.7	7.1	-7.0	-1.5	301.2	328.5	10.1	94.0	3.2	253.
6.1	25.5	2023.2	800.0	10.5	8.2	84.0	5.8	-5.8	-0.6	302.4	325.9	8.6	85.5	3.6	254.
7.1	29.1	2287.8	775.0	9.5	6.9	69.2	4.5	-4.2	-1.6	304.1	326.5	8.1	83.4	3.9	255.
8.2	30.7	2560.6	750.0	9.5	2.8	51.5	2.5	-1.9	-1.6	306.9	324.7	6.3	63.1	4.1	254.
9.2	33.3	2841.2	725.0	7.4	1.8	353.8	2.0	0.2	-2.0	307.6	324.9	6.1	67.8	4.2	253.
10.3	36.1	3129.6	700.0	5.8	2.7	283.6	3.6	3.5	-0.8	308.9	328.0	6.7	80.9	4.1	251.
11.4	38.9	3427.1	675.0	4.3	4.0	271.6	5.9	5.9	-0.2	310.5	332.2	7.6	97.8	3.8	250.
12.6	41.7	3734.0	650.0	2.1	1.8	278.9	5.9	5.9	-0.9	311.3	330.7	6.7	97.7	3.4	247.
13.7	44.5	4050.2	625.0	0.2	-0.2	293.3	5.7	5.3	-2.3	312.7	330.4	6.1	97.2	3.1	242.
14.9	47.4	4377.0	600.0	-1.8	-2.9	303.3	5.6	4.7	-3.1	314.0	329.3	5.2	92.3	2.9	235.
16.1	50.4	4714.4	575.0	-4.3	-8.7	303.7	4.9	4.1	-2.7	315.0	325.5	3.5	71.7	2.8	228.
17.3	53.4	5063.8	550.0	-6.6	-13.3	303.2	3.8	3.2	-2.1	316.2	324.0	2.5	58.7	2.8	221.
18.7	56.5	5426.7	525.0	-7.2	-24.0	293.7	5.2	4.7	-2.1	319.7	323.2	1.0	24.8	2.7	215.
20.2	59.8	5805.8	500.0	-9.1	-22.5	289.5	6.1	7.8	-2.2	321.9	326.1	1.3	33.2	2.6	201.
21.5	63.0	6200.9	475.0	-11.7	-22.4	279.3	8.5	8.4	-1.4	323.5	328.0	1.3	40.3	2.6	187.
22.9	66.3	6612.8	450.0	-15.1	-24.9	291.9	9.7	9.0	-3.6	324.3	328.0	1.1	42.7	2.8	172.
24.3	69.9	7041.4	425.0	-19.4	-23.6	296.4	13.0	11.9	-5.4	324.1	328.6	1.3	69.1	3.4	159.
25.7	73.3	7491.0	400.0	-21.1	-23.1	271.6	17.3	17.2	-0.5	327.6	332.6	1.5	83.5	4.3	145.
27.2	77.0	7964.7	375.0	-24.1	-26.0	245.2	21.1	19.2	8.9	329.7	333.9	1.2	84.3	5.2	128.
28.9	81.0	8465.0	350.0	-27.4	-29.1	237.7	26.7	22.5	14.3	331.8	335.2	1.0	85.5	6.4	106.
30.7	85.0	8994.1	325.0	-31.9	-34.9	242.8	28.8	25.6	13.1	332.7	334.8	0.6	74.2	8.8	92.
32.7	89.2	9554.2	300.0	-36.7	-40.5	240.3	30.9	26.8	15.3	333.6	335.0	0.4	67.9	12.0	84.
34.7	93.6	10150.9	275.0	-41.7	99.9	232.9	32.0	25.5	19.3	334.2	99.9	99.9	99.9	15.5	77.
37.0	98.2	10789.3	250.0	-47.0	99.9	229.9	35.0	26.7	22.5	336.2	99.9	99.9	99.9	19.7	71.
39.5	103.2	11478.7	225.0	-52.5	99.9	235.9	38.7	32.0	21.7	338.1	99.9	99.9	99.9	24.9	67.
41.8	108.5	12228.2	200.0	-59.3	99.9	245.7	39.5	36.3	15.6	338.9	99.9	99.9	99.9	30.5	66.
44.6	114.5	13050.7	175.0	-65.7	99.9	256.7	39.6	37.5	8.8	341.2	99.9	99.9	99.9	36.7	67.
47.7	120.7	13981.0	150.0	-65.3	99.9	265.4	37.2	2.4	2.4	357.6	99.9	99.9	99.9	44.3	69.
51.7	127.7	15103.7	125.0	-61.2	99.9	285.5	22.1	21.6	-4.8	384.2	99.9	99.9	99.9	50.5	73.
56.9	135.7	16491.1	100.0	-61.6	99.9	277.3	12.0	11.9	-1.5	408.7	99.9	99.9	99.9	55.0	75.
62.6	144.7	18256.4	75.0	-62.4	99.9	260.2	8.4	8.2	1.4	442.1	99.9	99.9	99.9	58.4	77.
71.0	154.3	20791.6	50.0	-57.3	99.9	174.4	3.3	-0.3	3.3	508.5	99.9	99.9	99.9	59.5	77.
85.1	164.0	25235.6	25.0	-50.1	99.9	80.1	2.8	-2.8	-0.5	640.6	99.9	99.9	99.9	57.7	76.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI

21 MAY 1979
085 GMT

95 229. 0

TIME MIN	CNTCT	HEIGHT CPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED H/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	438.0	964.4	17.1	15.6	70.0	2.6	-2.4	-0.9	233.3	323.6	11.7	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	12.3	587.0	950.0	17.6	16.2	999.9	99.9	99.9	99.9	255.0	327.2	12.3	91.6	999.9	999.9
1.4	14.7	795.8	925.0	17.4	13.5	999.9	99.9	99.9	99.9	297.1	320.3	10.6	78.3	999.9	999.9
2.3	17.1	1029.7	900.0	16.0	9.7	999.9	99.9	99.9	99.9	298.0	320.7	8.4	66.2	1.6	265.
3.2	19.6	1268.9	875.0	14.3	6.1	95.6	15.4	-15.3	-1.2	298.7	319.8	7.8	66.3	2.5	266.
4.3	22.1	1513.2	850.0	12.3	6.8	88.2	14.3	-14.3	-0.4	299.1	319.0	7.3	68.8	3.4	266.
5.3	24.6	1763.0	825.0	10.3	7.2	93.3	11.8	-11.7	0.7	299.5	320.7	7.8	81.8	4.3	267.
6.5	27.2	2019.0	800.0	8.6	7.9	96.2	9.0	-8.9	1.0	300.3	323.2	8.4	95.7	4.9	268.
7.6	29.7	2201.7	775.0	7.5	6.4	109.0	7.4	-7.0	2.4	301.9	323.4	7.8	92.6	5.5	269.
8.7	32.3	2552.1	750.0	6.3	4.8	132.2	6.4	-4.7	4.3	303.4	323.5	7.2	89.9	5.9	272.
9.9	35.0	2829.6	725.0	4.3	3.4	137.9	4.2	-2.8	3.1	304.2	323.1	6.8	93.9	6.1	274.
11.1	37.7	3115.4	700.0	3.1	0.2	131.4	3.8	-2.9	2.5	305.9	321.8	5.6	81.4	6.3	276.
12.3	40.4	3410.2	675.0	2.3	0.7	182.0	2.1	0.1	1.4	308.2	325.3	6.1	89.3	6.5	277.
13.6	43.2	3715.1	650.0	0.7	0.4	289.6	2.1	2.0	-0.7	309.6	327.3	6.1	97.2	6.4	277.
14.8	46.1	4025.5	625.0	-1.4	-1.8	307.8	2.4	1.9	-1.4	310.8	326.5	5.4	96.9	6.3	276.
15.8	49.0	4354.2	600.0	-3.2	-3.7	323.9	2.5	1.5	-2.1	312.4	326.8	4.9	96.6	6.2	275.
17.1	52.0	4699.4	575.0	-6.7	-6.7	315.6	2.6	1.9	-2.0	312.1	322.6	3.5	86.5	6.0	274.
18.4	55.0	5035.1	550.0	-8.6	-15.5	299.2	3.4	3.0	-1.7	313.9	320.4	2.1	57.6	5.8	273.
19.8	58.1	5395.3	525.0	-8.9	-28.0	283.8	4.7	4.6	-1.1	317.7	320.2	0.7	19.4	5.5	272.
21.3	61.4	5772.1	500.0	-11.2	-23.5	296.3	5.7	5.1	-2.5	319.4	323.1	1.1	35.4	5.1	270.
22.5	64.6	6163.2	475.0	-14.8	-21.9	304.4	8.0	6.6	-4.5	319.6	324.1	1.4	54.6	4.7	267.
24.0	68.0	6570.2	450.0	-16.7	-21.1	293.3	12.1	11.1	-4.8	325.3	327.4	1.6	68.3	4.0	259.
25.5	71.4	6998.6	425.0	-19.0	-23.2	267.3	15.0	15.0	0.7	324.6	329.2	1.4	69.2	2.9	251.
27.0	75.1	7447.4	400.0	-22.2	-25.7	999.9	99.9	99.9	99.9	326.1	330.1	1.2	73.7	1.5	244.
28.4	78.7	7919.2	375.0	-25.5	-29.3	999.9	99.9	99.9	99.9	327.9	331.0	0.9	70.5	999.9	999.9
30.1	82.6	8416.3	350.0	-28.9*	99.9	999.9	99.9	99.9	99.9	329.2	999.9	99.9	999.9	999.9	999.9
31.9	86.6	8942.6	325.0	-32.4*	99.9	999.9	99.9	99.9	99.9	332.6	999.9	99.9	999.9	999.9	999.9
33.7	90.8	9502.2	300.0	-36.8	-41.0	999.9	99.9	99.9	99.9	333.5	334.8	0.3	64.9	9.3	81.
35.5	95.2	10098.0	275.0	-41.8	99.9	252.4	33.1	31.5	10.0	334.7	999.9	99.9	999.9	12.5	79.
37.3	99.8	10736.2	250.0	-47.1	53.9	999.9	99.9	99.9	99.9	336.0	999.9	99.9	999.9	18.8	77.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI21 MAY 1979
1100 GMT

TIME MIN	CNCT	HEIGHT GRN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	V COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	438.0	964.4	15.9	12.6	60.0	4.6	-4.0	-2.3	292.1	317.1	9.6	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	10.6	560.3	950.0	15.7	13.5	74.0	9.8	-9.4	-2.7	293.1	320.0	10.3	86.7	0.4	245.
1.2	13.0	792.6	925.0	14.6	12.0	85.1	12.8	-12.7	-1.1	294.2	319.5	9.6	84.5	0.9	253.
2.1	15.4	1025.2	900.0	14.3	14.2	93.4	13.0	-13.0	0.8	296.2	325.4	11.5	99.9	1.6	260.
2.9	17.8	1263.2	875.0	12.6	12.5	101.9	13.1	-12.9	2.7	296.5	324.7	10.5	99.8	2.2	266.
3.9	20.3	1506.7	850.0	11.5	8.5	104.4	13.3	-12.8	3.3	298.2	320.6	8.3	82.1	2.9	270.
4.7	22.8	1756.2	825.0	10.3	9.5	100.9	11.9	-11.7	2.2	299.5	324.0	9.1	94.6	3.6	273.
5.6	25.3	2012.3	800.0	9.1	8.7	98.3	8.5	-8.4	1.2	300.5	325.0	8.9	97.0	4.1	274.
6.7	28.0	2275.6	775.0	8.0	7.5	104.1	5.9	-5.7	1.4	302.5	325.6	8.4	96.1	4.6	274.
7.7	30.6	2545.4	750.0	6.6	6.4	99.8	4.3	-4.3	0.7	303.7	326.0	8.1	98.6	4.9	275.
8.8	33.2	2824.6	725.0	4.9	4.0	90.2	3.2	-3.2	0.0	304.8	324.7	7.1	94.4	5.1	275.
9.9	36.0	3110.8	700.0	3.6	3.4	101.6	3.9	-3.8	0.8	306.4	326.3	7.0	99.1	5.3	275.
10.9	38.8	3405.6	675.0	1.4	1.3	94.7	4.1	-4.1	1.0	307.2	325.0	6.3	99.3	5.6	275.
12.0	41.6	3708.9	650.0	-0.6	-4.4	74.2	3.6	-3.4	-1.0	308.3	320.8	4.3	75.2	5.8	275.
13.1	44.4	4022.7	625.0	-1.4	-1.9	75.5	3.0	-2.9	-0.7	310.6	326.4	5.3	96.6	6.0	274.
14.2	47.3	4347.8	600.0	-3.2	-3.6	82.0	1.8	-1.8	-0.3	312.4	326.9	4.9	97.1	6.2	274.
15.4	50.4	4683.7	575.0	-5.6	-5.6	47.3	0.7	-0.5	-0.5	313.2	326.4	4.3	98.6	6.3	273.
16.6	53.4	5032.3	550.0	-6.9	-7.0	317.2	0.5	0.3	-0.4	315.9	328.4	4.1	98.7	6.3	273.
18.0	56.5	5393.9	525.0	-10.2	-18.5	336.5	1.9	0.8	-1.7	316.1	321.6	1.7	50.9	6.2	273.
19.4	59.7	5768.2	500.0	-12.6	-24.6	345.9	5.3	1.3	-5.4	317.7	321.1	1.0	36.0	6.2	270.
20.9	63.0	6157.9	475.0	-14.8	-21.1	316.2	7.5	5.2	-5.4	319.6	324.5	1.5	58.8	5.9	264.
22.1	66.3	6567.4	450.0	-15.8	-20.3	272.3	8.1	6.1	-0.3	323.4	329.0	1.7	68.2	5.4	261.
23.6	69.9	6956.3	425.0	-18.7	-22.3	247.7	9.7	9.0	3.7	325.0	330.9	1.5	73.3	4.7	263.
25.2	73.4	7445.8	400.0	-21.8	-25.2	247.5	13.2	12.2	5.1	326.7	330.9	1.2	73.3	3.7	267.
26.8	77.1	7918.4	375.0	-24.7	-28.5	243.8	18.0	16.2	8.0	328.5	332.2	1.0	70.3	2.4	279.
28.6	81.0	8416.9	350.0	-28.4	-32.4	244.4	22.1	19.9	9.5	330.5	333.0	0.7	68.5	1.5	349.
30.3	85.0	8943.7	325.0	-32.5	-37.2	243.8	22.6	20.3	10.0	331.9	333.6	0.5	62.9	3.0	36.
32.0	89.0	9502.6	300.0	-37.1	-42.2	242.7	23.7	21.1	10.9	333.1	334.3	0.3	58.1	5.2	48.
34.0	93.4	10098.0	275.0	-42.2	-47.3	244.7	25.4	23.0	10.8	334.1	339.9	99.9	99.9	8.0	53.
36.0	98.0	10735.1	250.0	-47.3	-49.9	244.3	30.9	27.8	13.4	335.6	339.9	99.9	99.9	11.3	57.
38.3	103.0	11422.5	225.0	-53.4	-55.9	242.7	35.9	31.9	16.5	336.7	339.9	99.9	99.9	15.9	59.
40.8	108.2	12169.1	200.0	-60.2	-59.9	242.1	38.5	34.0	18.0	337.4	339.9	99.9	99.9	21.6	60.
43.8	114.0	12989.2	175.0	-65.8	-59.9	248.2	40.1	37.3	14.9	341.3	339.9	99.9	99.9	28.7	60.
47.0	120.0	13929.9	150.0	-61.8	-59.9	276.1	35.9	35.7	-3.8	363.7	339.9	99.9	99.9	35.9	65.
50.8	126.7	15061.8	125.0	-60.2	-59.9	288.0	20.3	19.3	-6.3	386.0	339.9	99.9	99.9	40.8	71.
55.7	134.5	16453.8	100.0	-61.2	-59.9	257.7	19.6	13.3	2.9	409.5	339.9	99.9	99.9	44.7	73.
61.6	143.5	18225.9	75.0	-63.9	-59.9	268.7	9.7	9.7	0.2	439.1	339.9	99.9	99.9	48.5	74.
69.7	154.0	20767.5	50.0	-56.7	-59.9	262.7	5.2	5.2	0.7	510.0	339.9	99.9	99.9	50.7	75.
82.0	165.7	25238.1	25.0	-52.3	-59.9	288.3	4.3	4.1	-1.3	634.7	339.9	99.9	99.9	48.7	74.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

20 MAY 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	HX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	392.0	962.8	20.6	18.9	140.0	3.1	-2.0	2.4	297.0	334.8	14.5	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	11.2	508.5	950.0	21.7	20.0	204.5	5.1	2.1	4.7	299.2	340.5	15.7	89.8	0.1	0.
1.3	13.5	700.9	925.0	21.0	19.2	203.9	7.1	6.4	3.1	300.6	341.4	15.3	89.4	0.3	46.
2.2	15.8	978.2	900.0	19.0	17.9	256.0	8.1	7.9	2.0	301.1	339.9	14.6	93.5	0.7	50.
3.1	18.2	1220.7	875.0	17.9	16.9	262.4	11.6	11.5	1.5	302.4	340.0	14.0	93.9	1.2	68.
3.9	20.5	1459.4	850.0	17.2	15.2	262.1	17.1	16.9	2.4	304.2	339.2	12.9	87.8	1.9	74.
4.9	23.0	1725.8	825.0	15.3	6.6	253.0	17.8	17.7	2.2	309.0	330.1	7.4	43.4	3.0	77.
5.9	25.4	1909.7	800.0	17.1	5.4	251.3	17.3	17.1	2.6	309.4	329.6	7.1	40.2	4.0	78.
6.8	27.8	2259.7	775.0	14.9	5.3	253.2	17.5	17.3	2.1	309.9	330.6	7.3	52.5	5.0	79.
7.9	30.3	2536.5	750.0	12.3	5.1	250.6	18.3	18.0	3.0	310.0	331.1	7.4	61.3	6.2	80.
9.0	32.9	2819.9	725.0	9.6	5.0	257.4	17.2	16.7	3.7	310.0	331.6	7.6	73.3	7.3	80.
10.1	35.4	3110.6	700.0	7.5	-0.2	252.3	13.2	12.5	4.0	310.8	326.6	5.5	58.8	8.4	79.
11.2	38.1	3409.6	675.0	5.9	-4.4	253.6	11.4	10.2	5.1	312.2	324.5	4.1	47.3	9.1	78.
12.3	40.8	3717.6	650.0	3.8	-7.2	239.9	11.0	9.5	5.5	313.2	323.6	3.4	44.5	9.8	77.
13.4	43.6	4035.0	625.0	1.2	-8.5	235.5	10.8	9.0	5.9	313.8	323.6	3.2	48.4	10.5	76.
14.5	46.3	4331.9	600.0	-1.6	-10.9	227.8	10.4	7.7	7.0	314.3	322.9	2.8	48.9	11.1	74.
15.6	49.1	4659.1	575.0	-4.5	-15.6	231.2	11.5	9.0	7.2	314.8	321.0	2.0	41.6	11.8	73.
16.9	52.1	5047.8	550.0	-6.2	-33.7	220.7	13.0	11.3	6.4	316.2	318.2	0.4	9.2	12.6	72.
18.2	55.1	5410.6	525.0	-8.3	-37.9	227.3	18.2	16.7	7.0	318.4	319.4	0.3	7.0	13.8	71.
19.4	58.1	5787.4	500.0	-10.8	-39.4	254.1	21.9	21.1	6.0	319.9	320.8	0.2	7.3	15.3	71.
20.5	61.4	6179.7	475.0	-13.7	-41.8	259.2	21.7	21.3	4.1	321.1	321.8	0.2	7.1	16.8	71.
21.7	64.5	6582.4	450.0	-16.7	-43.0	253.8	20.3	20.2	2.2	322.2	322.9	0.2	8.1	18.3	72.
23.1	67.9	7015.1	425.0	-19.5	-44.7	264.7	21.0	20.9	1.9	324.0	324.6	0.2	8.5	19.9	73.
24.8	71.3	7453.3	400.0	-21.8	-46.2	262.0	20.5	20.3	2.8	326.7	327.8	0.3	17.8	22.0	74.
26.7	74.9	7936.6	375.0	-23.5	-47.6	254.9	19.8	19.2	5.2	330.5	332.6	0.6	38.6	24.3	75.
29.6	79.6	8436.9	350.0	-28.0	-37.6	251.2	19.1	18.8	2.9	331.1	332.6	0.4	38.9	26.4	75.
30.4	82.3	8944.1	325.0	-32.7	-42.0	259.1	22.9	22.5	4.3	331.6	332.6	0.3	38.6	28.6	75.
32.4	86.3	9521.7	300.0	-37.8	-46.1	256.3	27.7	27.0	6.6	332.2	332.9	0.2	40.8	31.6	76.
34.6	90.5	10118.3	275.0	-42.5	-49.9	259.0	29.8	29.2	5.7	333.7	333.9	99.9	99.9	35.6	76.
36.9	95.0	10756.1	250.0	-46.8	-49.9	255.5	29.4	29.3	2.3	336.5	336.5	99.9	99.9	39.6	76.
39.1	99.7	11424.5	225.0	-52.3	-49.9	258.2	27.4	27.4	0.9	338.4	338.4	99.9	99.9	43.1	77.
41.3	104.6	12157.6	200.0	-57.5	-49.9	270.2	31.7	31.7	-0.1	341.6	341.6	99.9	99.9	47.3	78.
43.9	110.0	13026.8	175.0	-64.1	-49.9	274.2	23.7	23.6	-1.7	344.1	344.1	99.9	99.9	51.5	80.
47.1	115.0	13956.2	150.0	-69.9	-49.9	280.1	31.2	30.7	5.4	349.7	349.7	99.9	99.9	56.2	80.
51.0	122.7	15054.7	125.0	-63.3	-49.9	282.4	35.2	34.9	4.6	380.5	380.5	99.9	99.9	65.6	80.
55.2	130.0	16427.5	100.0	-65.7	-49.9	298.2	13.3	11.7	-0.3	400.8	400.8	99.9	99.9	69.7	80.
61.1	139.7	18181.5	75.0	-62.5	-49.9	222.7	10.2	6.9	7.5	441.6	441.6	99.9	99.9	74.8	81.
69.8	149.0	20717.6	50.0	-57.3	-49.9	199.7	4.2	1.4	3.9	505.4	505.4	99.9	99.9	74.1	80.
81.5	161.0	25168.1	25.0	-49.4	-49.9	125.9	7.4	-6.0	4.3	642.5	642.5	99.9	99.9	70.4	80.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

20 MAY 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	HX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	392.0	964.8	23.3	20.4	70.0	2.6	-2.4	-0.9	299.5	341.4	15.9	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	10.7	526.8	950.0	20.6	20.0	55.0	1.7	-1.4	-1.0	298.1	339.2	15.7	96.1	0.1	222.
1.5	13.1	757.9	925.0	19.2	18.7	168.1	1.1	-0.2	1.1	299.6	338.2	14.9	97.2	0.2	231.
2.5	15.5	994.1	900.0	18.0	17.5	266.1	3.7	3.7	0.2	300.0	337.5	14.1	96.9	0.1	173.
3.5	17.9	1236.2	875.0	17.8	16.8	285.3	6.6	6.4	-1.7	302.3	339.5	13.9	93.7	0.3	114.
4.4	20.3	1484.9	850.0	17.1	12.9	276.4	10.0	10.0	-1.1	304.1	334.5	11.1	76.4	0.8	106.
5.4	22.7	1740.4	825.0	17.6	6.0	269.3	8.1	8.1	0.1	307.2	330.2	8.2	53.1	1.4	100.
6.4	25.2	2003.1	800.0	15.9	6.7	271.9	7.9	7.9	-0.3	308.1	330.0	7.8	54.6	1.8	98.
7.4	27.7	2272.0	775.0	14.0	5.3	277.9	10.4	10.3	-1.4	308.9	329.4	7.2	55.7	2.4	97.
8.3	30.3	2548.1	750.0	12.1	3.6	279.7	10.0	9.9	-1.7	309.2	328.8	6.6	55.8	3.0	96.
9.4	32.9	2831.7	725.0	10.6	0.4	271.0	8.4	8.4	-0.1	311.1	327.0	5.5	49.4	3.5	95.
10.3	35.4	3122.8	700.0	7.8	-1.1	262.3	9.0	8.9	1.2	311.2	326.0	5.1	53.1	4.0	94.
11.3	38.1	3421.4	675.0	5.0	-2.4	253.9	8.9	8.5	2.5	311.3	325.4	4.8	58.7	4.5	94.
12.5	40.8	3728.2	650.0	2.0	-4.1	242.3	9.6	8.5	4.5	311.2	324.1	4.4	64.0	5.1	91.
13.7	43.6	4043.7	625.0	-0.0	-9.9	231.9	11.0	8.7	6.8	312.5	321.4	2.9	48.1	5.7	87.
14.9	46.4	4365.6	600.0	-2.3	-13.3	235.7	13.1	10.8	7.4	313.4	320.6	2.3	42.7	6.5	82.
16.1	49.3	4706.2	575.0	-3.8	-24.9	244.1	14.0	12.6	6.1	315.5	318.4	0.9	17.6	7.4	79.
17.4	52.3	5056.1	550.0	-5.7	-30.1	244.1	13.9	13.2	4.5	317.3	319.2	0.6	12.4	8.4	76.
18.6	55.3	5412.3	525.0	-9.2	-32.7	254.6	16.2	15.6	4.3	317.4	319.0	0.5	12.7	9.5	77.
19.8	58.4	5794.3	500.0	-10.9	-34.3	250.3	19.0	17.9	6.4	319.6	321.3	0.4	12.4	10.8	77.
21.1	61.5	6186.2	475.0	-13.9	-36.1	251.0	18.5	17.5	6.0	320.6	322.0	0.4	13.2	12.3	76.
22.5	64.8	6594.4	450.0	-16.8	-38.4	257.1	17.1	16.6	3.8	322.1	323.2	0.3	13.3	13.7	76.
24.0	68.1	7021.6	425.0	-19.4	-36.2	257.5	14.6	14.3	3.2	324.2	325.6	0.4	20.6	15.1	76.
25.5	71.6	7469.2	400.0	-23.0	-37.2	246.5	15.1	13.9	6.0	325.1	326.5	0.4	26.0	16.4	76.
27.1	75.1	7939.3	375.0	-25.0	-30.0	245.3	15.2	18.0	8.3	327.2	330.1	0.8	69.1	18.0	75.
28.7	78.9	8434.7	350.0	-30.1	-34.3	260.0	25.8	23.4	4.2	328.2	330.3	0.6	66.6	20.2	74.
30.6	82.7	8958.5	325.0	-33.7	-43.8	261.5	31.0	30.6	4.7	330.3	331.2	0.2	35.1	23.2	70.
32.6	86.7	9515.5	300.0	-37.7	-46.8	252.9	35.5	33.9	10.5	332.2	332.9	0.2	37.4	27.4	76.
34.9	93.8	10109.5	275.0	-41.9	-49.9	251.8	34.1	32.4	10.7	334.5	333.9	99.9	999.9	32.1	75.
37.4	98.2	10748.9	250.0	-46.6	99.9	253.0	35.1	33.5	10.2	336.8	336.9	99.9	999.9	37.3	75.
40.0	100.0	11439.4	225.0	-52.2	99.9	259.1	33.7	33.1	6.4	338.5	338.5	99.9	999.9	42.5	75.
42.9	105.0	12192.9	200.0	-57.4	99.9	262.9	30.0	29.7	3.7	341.9	339.9	99.9	999.9	47.6	76.
46.2	110.4	13026.0	175.0	-63.1	99.9	252.5	22.1	21.1	6.6	345.2	339.9	99.9	999.9	52.9	76.
49.5	116.2	13961.5	150.0	-68.0	99.9	253.1	30.3	29.0	8.8	352.9	339.9	99.9	999.9	57.6	76.
53.6	122.7	15064.3	125.0	-63.9	99.9	264.4	27.8	27.8	2.7	379.4	339.9	99.9	999.9	65.6	76.
58.6	130.2	16438.0	100.0	-62.6	99.9	254.7	13.6	13.1	3.6	406.8	339.9	99.9	999.9	70.8	76.
64.4	139.0	18211.6	75.0	-62.2	99.9	268.0	4.8	4.6	-1.5	442.8	339.9	99.9	999.9	73.3	76.
72.4	149.3	20751.7	50.0	-53.9	99.9	215.0	4.1	2.3	3.3	516.7	339.9	99.9	999.9	73.7	76.
84.8	161.0	25239.1	25.0	-48.2	99.9	234.6	55.8	45.5	32.5	646.2	339.9	99.9	999.9	70.4	75.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
 OKLAHOMA CITY, OKLAHOMA

 20 MAY 1979
 1705 GMT

137 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GN/KG	RH PCY	RANGE KM	AZ DG
0.0	9.5	392.0	965.5	26.7	21.2	120.0	2.6	-2.3	1.3	302.9	347.5	16.7	75.9	0.3	3.
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	11.0	534.6	950.0	23.4	10.8	999.9	99.9	99.9	99.9	300.9	342.0	15.5	30.9	99.9	99.9
1.2	13.4	767.8	925.0	21.5	10.4	999.9	99.9	99.9	99.9	301.3	342.8	15.5	37.3	99.9	99.9
1.9	15.8	1005.5	900.0	19.1	10.5	999.9	99.9	99.9	99.9	301.2	341.2	15.1	98.0	9.3	267.
2.7	18.3	1249.0	875.0	17.4	10.9	58.3	3.0	-2.6	-1.6	301.9	339.4	14.0	97.1	3.5	263.
3.5	20.8	1495.6	850.0	15.1	12.8	35.8	3.7	-2.2	-3.0	302.0	332.0	11.1	26.2	3.6	254.
4.3	23.2	1749.1	825.0	13.3	9.4	34.5	3.3	1.0	-3.1	304.7	329.7	9.0	68.0	3.7	244.
5.2	25.7	2010.3	800.0	10.0	4.8	274.5	4.5	4.5	-0.4	307.2	326.3	6.9	50.1	3.5	231.
6.2	29.3	2279.7	775.0	13.4	3.7	273.7	6.1	6.1	-0.4	308.3	326.8	6.5	51.9	3.4	234.
7.2	30.9	2554.3	750.0	12.3	2.1	272.3	7.8	7.8	-0.3	309.9	327.2	6.0	49.9	3.5	152.
8.2	33.6	2837.7	725.0	10.1	0.9	263.2	8.0	7.9	0.9	310.6	327.0	5.7	52.3	3.0	120.
9.3	36.2	3120.6	700.0	7.7	-1.0	250.0	8.5	8.3	2.1	311.1	325.9	5.1	53.7	1.3	135.
10.3	38.9	3427.1	675.0	5.1	-5.2	246.6	9.3	8.5	3.7	311.4	322.9	3.9	47.4	2.3	87.
11.3	41.7	3733.0	650.0	2.4	-6.2	238.1	10.8	9.2	5.7	311.7	322.8	3.7	52.9	2.3	87.
12.4	44.6	4050.0	625.0	0.6	-11.2	232.8	13.2	10.5	8.0	313.2	321.2	2.6	40.8	3.0	78.
13.4	47.4	4370.4	600.0	-1.2	-23.0	243.0	15.2	11.8	6.0	314.7	317.7	0.9	15.7	3.8	73.
14.6	50.4	4710.0	575.0	-3.8	-13.0	255.2	15.1	14.6	3.8	315.6	320.3	1.5	29.5	4.7	73.
15.8	53.4	5053.3	550.0	-5.0	-10.8	253.3	16.7	16.0	4.8	317.0	326.4	3.1	69.6	5.8	73.
17.1	56.4	5425.6	525.0	-8.8	-10.4	250.5	18.6	17.5	6.2	317.8	328.1	3.3	88.4	7.2	73.
18.5	59.6	5803.1	500.0	-11.5	-12.6	248.9	19.7	18.4	7.1	319.0	328.1	2.9	91.8	8.9	72.
19.9	62.9	6194.5	475.0	-14.3	-20.0	251.6	16.4	15.5	5.2	320.2	325.7	1.7	63.0	10.5	72.
21.5	66.1	6602.9	450.0	-16.5	-41.1	259.2	12.2	12.0	2.3	322.5	323.4	0.2	10.5	11.7	72.
22.9	69.6	7030.2	425.0	-15.8	-28.8	248.8	12.3	11.5	4.5	323.8	326.5	0.6	44.6	12.8	73.
24.5	73.1	7477.4	400.0	-23.3	-29.2	233.6	14.2	11.4	8.4	324.6	327.7	0.8	50.1	13.9	71.
26.0	76.7	7946.8	375.0	-26.6	-28.8	245.8	14.4	13.3	5.7	325.4	329.6	0.9	81.6	15.2	70.
27.7	80.6	8441.0	350.0	-30.8	-36.8	262.4	18.7	18.5	2.5	327.2	328.9	0.5	55.5	15.8	71.
29.6	84.5	8964.3	325.0	-33.7	-39.3	258.2	26.1	25.5	5.3	330.3	331.7	0.4	55.1	19.4	72.
31.8	88.7	9520.7	300.0	-37.8	-44.1	249.1	32.2	30.1	11.5	332.1	333.1	0.2	50.8	23.2	73.
34.0	93.0	10115.8	275.0	-41.7	-49.9	245.3	35.0	31.8	14.6	334.8	339.9	99.9	99.9	27.7	71.
36.4	97.6	10750.7	250.0	-45.9	-54.9	249.9	36.7	34.4	12.6	336.4	349.9	99.9	99.9	32.7	71.
39.0	102.6	11444.2	225.0	-52.4	-59.9	254.9	34.9	33.7	9.1	338.2	349.9	99.9	99.9	38.2	71.
41.6	107.8	12190.5	200.0	-57.0	-59.9	255.7	34.1	33.1	8.4	342.5	349.9	99.9	99.9	43.7	72.
44.6	113.5	13032.2	175.0	-62.7	-59.9	255.1	30.5	29.4	7.9	345.5	349.9	99.9	99.9	49.8	72.
47.9	119.7	13971.6	150.0	-67.0	-59.9	250.3	30.8	29.0	10.4	354.6	349.9	99.9	99.9	55.3	72.
51.8	125.7	15004.2	125.0	-62.9	-59.9	250.7	30.4	29.8	6.0	381.2	349.9	99.9	99.9	63.4	73.
56.6	134.7	16457.9	100.0	-62.2	-59.9	254.3	12.5	12.1	3.4	407.6	349.9	99.9	99.9	58.4	73.
62.4	143.7	18232.9	75.0	-63.6	-59.9	232.8	8.9	7.1	5.4	439.6	349.9	99.9	99.9	70.8	73.
70.0	153.7	20765.2	50.0	-57.3	-59.9	189.0	4.7	0.5	4.6	508.6	349.9	99.9	99.9	72.1	73.
82.1	164.0	25253.2	25.0	-49.1	-59.9	99.9	99.9	99.9	99.9	643.5	349.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

20 MAY 1979
2005 GMT

156 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	398.0	964.1	27.8	19.6	40.0	6.2	-4.0	-4.7	304.1	344.7	15.1	61.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	11.1	522.5	950.0	25.4	18.6	99.9	99.9	99.9	99.9	303.0	341.6	14.4	65.9	999.9	999.9
1.2	13.3	756.7	925.0	22.9	17.9	99.9	99.9	99.9	99.9	302.7	340.7	14.2	73.8	999.9	999.9
1.9	15.5	995.3	900.0	20.4	17.2	99.9	99.9	99.9	99.9	302.5	339.7	13.9	81.9	999.9	999.9
2.8	17.8	1236.5	875.0	18.2	15.7	99.9	99.9	99.9	99.9	302.7	337.6	13.0	85.4	999.9	999.9
3.7	20.1	1487.1	850.0	16.5	15.6	67.3	3.8	-3.5	-1.5	303.5	339.4	13.3	94.6	1.4	229.
4.6	22.5	1741.6	825.0	14.7	14.1	100.7	2.2	-2.1	0.4	304.2	337.9	12.4	96.0	1.5	232.
5.5	24.8	2002.1	800.0	12.9	11.8	192.6	1.0	0.2	1.0	304.9	335.0	11.0	93.0	1.6	235.
6.6	27.2	2269.6	775.0	12.6	10.1	272.9	0.9	0.9	-0.0	307.4	335.4	10.1	84.7	1.5	234.
7.6	29.6	2545.1	750.0	11.7	6.5	285.5	3.0	3.0	0.2	309.2	332.3	8.2	70.6	1.4	232.
8.6	32.1	2825.3	725.0	10.3	2.9	256.6	4.8	4.7	1.1	310.8	329.6	6.5	60.0	1.2	225.
9.7	34.6	3119.4	700.0	7.8	0.0	233.3	5.5	5.3	1.6	311.1	327.1	5.5	57.8	0.9	210.
10.9	37.1	3418.5	675.0	5.8	-5.0	256.7	6.5	6.3	1.5	312.1	323.8	3.9	45.6	0.7	194.
12.0	39.8	3726.1	650.0	3.0	-8.1	247.7	8.6	8.0	3.3	312.4	324.4	4.0	55.2	0.6	148.
13.1	42.4	4042.9	625.0	0.7	-8.7	240.0	11.0	9.6	5.5	313.3	325.3	3.4	62.3	0.9	105.
14.2	45.1	4369.7	600.0	-1.4	-8.2	243.1	11.8	10.5	5.3	314.2	324.9	3.4	60.0	1.6	83.
15.3	47.8	4707.6	575.0	-3.8	-6.8	252.5	13.0	12.4	3.9	315.6	327.7	4.0	79.7	2.4	78.
16.5	50.6	5057.7	550.0	-5.8	-10.0	257.7	15.7	15.3	3.3	317.2	327.3	3.3	72.2	3.4	77.
17.9	53.5	5421.1	525.0	-8.0	-14.5	258.6	17.6	17.3	3.5	318.8	326.3	2.4	59.7	4.7	78.
19.2	56.4	5798.9	500.0	-10.0	-19.1	259.1	15.2	14.9	2.9	320.9	326.4	1.7	47.3	6.1	78.
20.5	59.4	6192.8	475.0	-12.7	-20.7	251.2	12.6	11.9	4.1	322.2	327.3	1.5	51.3	7.2	78.
21.9	62.5	6603.6	450.0	-15.0	-28.7	243.5	12.4	11.1	5.6	324.4	327.1	0.8	29.8	8.1	76.
23.4	65.8	7032.0	425.0	-18.3	-32.5	253.3	13.1	12.5	3.8	325.2	327.6	0.6	27.3	9.2	75.
24.8	69.0	7482.7	400.0	-21.6	-34.9	264.5	16.2	16.1	1.5	327.0	328.7	0.5	28.5	10.5	76.
26.3	72.4	7953.7	375.0	-24.7	-36.3	252.1	18.5	17.9	5.8	329.0	330.6	0.5	32.9	12.0	77.
27.9	75.9	8454.9	350.0	-27.8	-39.1	240.4	24.9	21.6	12.3	331.2	332.6	0.4	33.1	14.1	75.
29.7	79.6	8982.5	325.0	-32.6	-40.4	237.5	27.0	22.7	14.5	331.8	333.1	0.3	45.2	16.9	72.
31.5	83.3	9541.3	300.0	-37.0	-42.6	233.1	28.7	23.0	17.3	333.3	334.4	0.3	55.7	19.6	70.
33.6	87.3	10136.7	275.0	-42.2	-49.9	236.2	32.2	26.8	17.9	334.1	339.9	99.9	99.9	23.2	67.
35.6	91.5	10774.9	250.0	-46.6	-50.9	242.7	34.2	30.4	15.7	334.9	339.9	99.9	99.9	27.4	66.
38.2	96.0	11467.0	225.0	-51.1	-59.9	245.8	42.4	38.7	17.4	340.2	339.9	99.9	99.9	33.1	66.
40.6	100.8	12224.0	200.0	-56.4	-59.9	248.0	47.1	43.7	17.6	343.5	339.9	99.9	99.9	39.9	66.
43.0	105.8	13059.0	175.0	-63.2	-59.9	251.1	42.0	39.7	13.6	345.7	339.9	99.9	99.9	46.6	67.
45.9	111.5	13953.8	150.0	-68.8	-59.9	249.0	37.1	34.6	13.3	349.1	339.9	99.9	99.9	52.8	67.
49.2	117.7	15080.5	125.0	-64.0	-59.9	253.1	32.3	30.9	9.4	379.2	339.9	99.9	99.9	60.8	68.
53.3	124.7	16472.4	100.0	-61.6	-59.9	264.6	14.7	14.6	1.4	408.6	339.9	99.9	99.9	66.0	68.
59.1	133.0	18229.5	75.0	-64.2	-59.9	267.0	9.1	9.1	0.5	436.3	339.9	99.9	99.9	69.2	69.
67.1	143.5	20760.7	50.0	-55.1	-59.9	198.0	5.3	0.7	5.2	513.8	339.9	99.9	99.9	70.4	70.
79.2	156.5	25260.7	25.0	-47.9	-59.9	99.9	99.9	99.9	99.9	647.1	339.9	99.9	99.9	68.5	68.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

21 MAY 1979
45 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP N/SEC	V COMP N/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	392.0	966.8	18.3	17.3	90.0	4.1	-4.1	0.0	294.3	328.0	13.0	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	11.5	942.7	950.0	17.6	16.8	84.7	4.5	-4.5	-0.4	295.0	328.4	12.8	95.3	0.2	270.
1.4	13.9	771.3	925.0	16.9	16.1	78.1	4.6	-4.5	-0.9	296.4	329.7	12.6	95.2	0.4	266.
2.3	15.2	1004.9	900.0	15.2	13.5	73.9	5.3	-5.1	-1.5	297.1	328.0	10.9	89.7	0.6	261.
3.3	15.6	1244.1	875.0	14.3	12.6	76.5	6.1	-5.9	-1.4	298.7	326.8	10.5	89.2	1.0	260.
4.3	21.0	1168.8	850.0	12.8	9.3	58.8	6.8	-5.0	-3.5	299.6	323.2	8.7	79.4	1.4	257.
5.4	23.4	1739.5	825.0	11.2	8.1	50.4	6.6	-5.1	-4.2	300.5	323.0	8.3	81.0	1.8	250.
6.6	25.9	1996.4	800.0	10.2	6.8	47.6	7.5	-5.6	-5.0	302.0	323.4	7.8	79.6	2.3	246.
7.7	23.4	2260.4	775.0	8.7	5.2	31.2	6.9	-3.6	-5.9	303.2	323.3	7.2	78.7	2.7	242.
8.8	33.9	2531.4	750.0	7.2	3.3	10.7	6.6	-1.2	-6.5	304.5	322.7	6.5	75.9	3.1	237.
10.0	33.5	2810.0	725.0	5.3	1.1	339.8	7.4	2.5	-6.9	305.3	321.6	5.0	74.6	3.3	229.
11.0	30.1	3064.3	700.0	4.1	0.3	331.6	5.9	2.8	-5.2	307.1	323.1	5.6	76.1	3.4	222.
12.1	33.8	3391.4	675.0	1.8	-1.8	348.4	2.8	0.6	-2.8	307.6	322.0	5.0	77.1	3.5	218.
13.3	41.4	3695.1	650.0	0.2	-3.3	78.8	2.0	-1.9	-0.4	309.2	322.7	4.6	77.4	3.6	217.
14.7	42.2	4008.6	625.0	-0.4	-3.6	130.9	2.4	-1.0	1.6	312.1	325.9	4.7	78.6	3.7	220.
16.3	47.0	4335.6	600.0	-1.8	-4.6	230.7	1.0	0.7	0.6	314.0	327.5	4.5	81.2	3.7	222.
17.6	49.9	4673.9	575.0	-3.3	-5.8	259.3	2.7	2.6	0.5	316.1	329.2	4.3	83.2	3.6	221.
19.1	52.8	5024.9	550.0	-5.2	-8.0	235.9	3.6	3.0	2.0	317.9	329.5	3.8	80.8	3.3	219.
20.7	55.9	5389.6	525.0	-7.0	-10.1	216.7	2.5	1.5	2.0	320.0	330.5	3.4	78.8	3.0	218.
22.2	58.9	5768.9	500.0	-9.2	-12.5	192.1	3.7	0.8	3.6	321.8	331.1	2.9	76.6	2.8	219.
23.7	65.0	6164.4	475.0	-11.4	-15.0	206.2	5.9	2.6	5.3	323.8	331.9	2.5	74.9	2.4	223.
25.1	65.3	6577.9	450.0	-13.9	-17.6	220.2	7.0	4.5	5.3	325.8	332.8	2.1	73.2	1.8	226.
26.5	65.6	7010.4	425.0	-16.4	-20.3	215.3	9.0	5.3	7.3	327.9	333.8	1.8	71.8	1.2	228.
27.9	72.0	7463.4	400.0	-19.9	-23.9	206.1	10.5	4.6	9.5	329.2	333.9	1.4	70.2	0.5	260.
29.4	75.6	7939.9	375.0	-23.1	-27.3	215.4	12.7	7.3	10.3	331.0	334.7	1.1	68.4	0.8	4.
31.0	79.3	8441.7	350.0	-27.0	-31.3	209.2	11.7	5.7	10.2	332.3	335.1	0.8	66.7	1.9	22.
32.7	83.2	8972.2	325.0	-30.8	-35.2	206.6	12.1	5.4	10.8	334.2	336.4	0.6	64.6	3.1	24.
34.3	87.2	9535.3	300.0	-35.4	-39.9	200.6	12.8	4.5	12.0	335.5	337.0	0.4	62.6	4.3	24.
36.0	91.3	10134.6	275.0	-40.7	-44.7	198.2	14.2	4.4	13.5	336.2	339.9	99.9	99.9	5.7	23.
38.0	95.8	10776.0	250.0	-46.2	-49.9	199.0	17.2	5.6	16.3	337.4	339.9	99.9	99.9	7.6	21.
40.2	102.6	11466.8	225.0	-52.3	-55.9	206.5	20.7	9.2	18.6	338.4	339.9	99.9	99.9	10.0	21.
42.4	105.5	12181.1	200.0	-58.7	-62.7	215.6	27.6	16.1	22.5	339.2	339.9	99.9	99.9	13.1	24.
44.3	111.0	13041.0	175.0	-66.4	-69.9	221.5	31.7	21.0	23.7	340.4	339.9	99.9	99.9	16.5	27.
47.2	117.0	13964.2	150.0	-70.6	-73.9	99.9	99.9	99.9	99.9	348.2	339.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
 OKLAHOMA CITY, OKLAHOMA

 21 APRIL 1979
 230 GMT

102 150. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR OG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.8	392.0	965.6	17.6	15.6	70.0	4.1	-3.9	-1.4	293.9	324.2	11.7	87.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	10.3	534.0	950.0	19.8	14.2	999.9	99.9	99.9	99.9	297.3	325.9	10.8	70.3	999.9	999.9
1.2	12.4	764.1	925.0	19.5	11.4	999.9	99.9	99.9	99.9	299.3	324.1	9.2	59.3	999.9	999.9
1.9	14.6	999.7	900.0	18.3	10.3	999.9	99.9	99.9	99.9	300.4	324.3	8.8	59.3	999.9	999.9
2.6	16.8	1231.0	875.0	17.1	8.8	999.9	99.9	99.9	99.9	301.6	324.0	8.2	57.9	1.7	242.
3.4	19.1	1486.0	850.0	15.7	7.2	46.3	8.8	-6.4	-6.1	302.6	323.4	7.6	57.3	2.1	240.
4.2	21.4	1740.8	825.0	13.8	5.7	32.3	8.7	-4.6	-7.3	303.2	322.7	7.0	58.2	2.5	230.
5.0	23.7	1999.8	800.0	12.0	4.3	15.8	8.0	-2.2	-7.7	304.8	322.4	6.6	59.2	2.8	232.
5.7	26.1	2264.9	775.0	10.2	3.4	359.0	7.5	0.1	-7.5	306.0	323.6	6.3	62.6	3.1	228.
6.6	28.4	2537.6	750.0	8.6	2.8	345.6	5.5	1.4	-5.4	306.0	323.6	6.3	67.0	3.3	223.
7.4	30.8	2817.1	725.0	5.9	2.6	316.4	4.3	2.9	-3.1	306.0	324.1	6.4	79.1	3.4	215.
8.3	33.3	3104.2	700.0	4.1	1.7	278.6	5.6	5.5	-0.8	307.0	324.7	6.2	84.4	3.3	215.
9.3	35.8	3399.3	675.0	1.9	1.2	263.5	7.8	7.8	0.9	307.8	325.5	6.2	94.9	3.1	209.
10.3	38.3	3703.6	650.0	0.4	-0.2	252.2	9.8	9.4	3.0	309.4	326.3	5.8	96.2	2.8	201.
11.3	40.9	4018.3	625.0	-0.7	-1.3	240.2	11.8	10.2	5.8	311.6	327.9	5.6	96.0	2.4	190.
12.4	43.6	4344.2	600.0	-2.4	-3.0	232.4	11.9	9.4	7.3	313.3	328.5	5.1	96.2	1.9	172.
13.5	46.2	4681.5	575.0	-4.4	-4.9	230.0	11.1	8.5	7.1	314.6	328.7	4.6	96.0	1.6	149.
14.7	49.0	5031.0	550.0	-6.4	-6.9	227.2	10.9	8.0	7.4	316.5	329.0	4.1	95.9	1.7	122.
16.1	51.9	5394.3	525.0	-8.2	-8.8	218.6	12.4	7.8	9.7	318.5	330.0	3.7	95.4	2.1	95.
17.6	54.8	5772.0	500.0	-10.8	-11.7	211.9	15.7	6.3	13.3	319.8	329.6	3.1	93.4	2.9	73.
19.9	57.8	6165.2	475.0	-13.1	-14.6	218.1	17.0	10.5	13.4	321.7	329.9	2.6	88.5	4.0	61.
23.2	60.8	6575.3	450.0	-15.7	-19.2	226.4	17.2	12.5	11.8	323.5	329.6	1.9	74.5	5.3	57.
21.6	64.0	7002.3	425.0	-21.2	-26.3	226.9	19.4	14.2	13.3	321.9	322.3	0.1	6.6	6.8	55.
22.9	67.1	7448.1	400.0	-23.6	-29.4	226.1	20.6	14.8	14.3	324.4	324.8	0.1	7.2	8.3	53.
24.4	70.6	7917.3	375.0	-26.2	-38.4	229.4	18.7	14.2	12.2	326.9	328.2	0.4	30.7	10.2	52.
26.0	74.0	8413.1	350.0	-28.8	-33.0	226.1	16.9	12.2	11.7	329.9	332.3	0.7	66.7	11.8	52.
27.4	77.6	8940.0	325.0	-32.6	-39.3	225.0	18.0	13.5	13.4	331.8	333.3	0.4	52.9	13.3	51.
29.0	81.3	9498.9	300.0	-37.2	-46.6	222.5	20.0	13.5	14.7	333.0	333.7	0.2	36.5	15.2	50.
30.6	85.2	10993.8	275.0	-42.0	-59.9	232.2	19.2	15.1	13.8	334.4	999.9	99.9	999.9	17.0	49.
32.2	89.3	10730.9	250.0	-47.8	-59.9	232.2	19.2	15.1	11.7	335.1	999.9	99.9	999.9	19.0	49.
34.2	93.8	11416.7	225.0	-54.1	-69.9	234.6	21.0	17.1	12.2	335.7	999.9	99.9	999.9	21.2	50.
36.4	98.4	12161.7	200.0	-60.7	-79.9	234.8	28.8	23.6	16.6	336.4	999.9	99.9	999.9	24.6	50.
38.6	103.5	12979.5	175.0	-66.2	-89.9	999.9	99.9	99.9	99.9	336.6	999.9	99.9	999.9	28.5	51.
40.8	109.0	13908.0	150.0	-65.0	-89.9	999.9	99.9	99.9	99.9	338.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

21 MAY 1979
505 GMT

118 124. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	392.0	966.8	18.3	16.6	40.0	2.1	-1.3	-1.6	294.3	326.6	12.4	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	11.2	542.5	950.0	17.1	16.2	99.9	99.9	99.9	99.9	294.6	326.7	12.3	94.3	999.9	999.9
1.3	13.5	770.7	925.0	16.8	13.7	99.9	99.9	99.9	99.9	294.8	324.9	10.8	82.1	999.9	999.9
2.0	15.8	1004.5	900.0	16.2	12.3	99.9	99.9	99.9	99.9	298.2	325.1	10.0	77.4	999.9	999.9
2.8	18.2	1248.5	875.0	16.2	11.2	86.4	8.1	-8.1	-0.5	300.6	326.7	9.7	72.5	1.5	259.
3.5	20.6	1491.1	850.0	14.7	9.7	85.3	5.9	-5.9	-0.4	301.6	326.0	9.0	72.0	1.8	261.
4.2	23.1	1743.2	825.0	13.0	8.2	65.9	4.1	-3.8	-1.7	302.4	325.3	8.3	72.5	2.0	261.
5.1	25.6	2002.6	800.0	12.9	6.4	37.2	5.8	-3.5	-4.6	304.9	326.0	7.6	64.7	2.2	258.
5.8	28.1	2266.8	775.0	10.8	4.6	15.8	7.0	-1.9	-6.7	305.5	324.8	6.9	65.2	2.4	252.
6.7	30.6	2541.6	750.0	8.6	3.8	6.0	6.4	-0.7	-6.4	305.9	324.9	6.7	72.0	2.6	245.
7.9	33.2	2823.4	725.0	6.6	3.0	7.8	6.2	-0.8	-6.1	306.7	325.3	6.6	77.9	2.8	237.
9.1	35.9	3108.8	700.0	4.1	2.3	331.3	3.6	1.7	-3.2	307.1	325.5	6.5	87.7	3.1	231.
10.5	38.6	3404.2	675.0	1.9	1.2	279.4	3.6	3.6	-0.6	307.7	325.4	6.2	95.1	2.9	227.
12.3	41.3	3700.1	650.0	0.1	-0.3	250.1	4.1	3.8	1.4	308.1	325.8	5.8	96.5	2.6	221.
13.9	44.1	4021.9	625.0	-1.8	-2.2	222.9	7.7	5.2	5.6	310.4	325.7	5.2	96.8	2.2	219.
15.7	46.9	4346.8	600.0	-2.9	-3.3	235.2	10.4	8.6	5.9	312.8	327.5	5.0	96.8	1.1	214.
17.3	49.8	4683.7	575.0	-4.5	-5.0	231.5	11.6	9.1	7.2	314.7	328.4	4.6	96.2	0.5	146.
19.2	52.8	5033.2	550.0	-6.3	-7.0	226.8	8.1	5.9	5.5	316.6	329.1	4.1	95.0	1.2	68.
20.8	55.8	5395.9	525.0	-8.5	-9.4	241.6	5.2	4.5	2.5	318.2	329.2	3.6	93.6	1.7	64.
23.1	59.0	5773.3	500.0	-10.6	-11.5	230.1	8.4	6.5	5.4	320.2	330.0	3.2	92.4	2.6	62.
25.1	62.1	6167.3	475.0	-12.5	-13.6	230.6	12.4	9.6	7.9	322.5	331.5	2.8	91.1	3.8	58.
27.3	65.4	6579.2	450.0	-14.9	-16.2	231.6	14.1	12.6	10.0	324.6	332.3	2.4	89.2	5.7	55.
29.1	68.9	7006.9	425.0	-17.6	-19.2	231.0	18.1	14.1	11.4	326.5	332.9	2.0	87.2	7.6	54.
31.3	72.3	7461.8	400.0	-20.2	-22.1	227.9	20.2	15.0	13.6	328.7	334.1	1.6	84.9	10.1	53.
33.2	76.0	7937.0	375.0	-23.5	-25.6	221.7	20.6	13.7	15.4	330.6	334.9	1.3	82.4	12.4	52.
35.2	79.7	8438.5	350.0	-27.1	-29.6	220.2	20.6	13.3	15.8	332.3	335.5	0.9	78.9	14.8	50.
37.2	83.7	8968.0	325.0	-31.7	-35.1	231.3	19.2	15.0	12.0	333.0	335.1	0.6	72.1	17.2	49.
39.4	87.8	9528.5	300.0	-36.7	-40.5	230.9	17.6	14.8	9.6	333.6	335.0	0.4	67.8	19.6	50.
41.5	92.2	10124.8	275.0	-41.8	-46.0	230.4	18.7	14.4	11.9	334.7	335.9	99.9	99.9	21.7	50.
43.6	96.7	10763.3	250.0	-47.0	-51.9	220.4	23.5	15.2	17.9	336.2	336.9	99.9	99.9	24.4	50.
46.2	101.6	11452.1	225.0	-53.0	-58.0	218.1	24.8	15.0	22.2	337.3	337.9	99.9	99.9	28.3	48.
48.9	106.8	12195.9	200.0	-55.5	-60.9	218.5	34.1	21.2	26.7	338.6	338.9	99.9	99.9	32.9	46.
52.1	112.5	13022.6	175.0	-66.7	-72.7	223.5	38.1	26.2	27.6	339.9	339.9	99.9	99.9	40.2	45.
59.3	119.7	13952.3	150.0	-66.0	-72.7	243.7	38.3	34.4	17.0	356.5	356.9	99.9	99.9	57.3	47.
71.6	125.7	15069.8	125.0	-63.3	-69.9	99.9	99.9	99.9	99.9	380.4	380.4	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

21 MAY 1979
885 GMT

112 108. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E POT T DG K	MX RTD GN/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	392.0	966.8	17.6	16.7	0.0	0.0	0.0	0.0	293.6	326.1	12.5	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	10.4	542.5	950.0	17.1	16.9	99.9	99.9	99.9	99.9	294.5	328.0	12.9	98.6	999.9	999.9
1.2	12.5	779.2	925.0	15.4	15.3	99.9	99.9	99.9	99.9	295.1	328.3	12.0	99.7	999.9	999.9
2.1	14.8	1003.1	900.0	14.5	14.4	99.9	99.9	99.9	99.9	296.4	326.9	11.6	99.5	999.9	999.9
2.9	17.0	1241.4	875.0	13.4	13.2	82.2	7.3	-7.2	-1.0	297.7	326.9	11.0	99.2	1.0	254.
3.6	19.3	1485.8	850.0	12.1	11.8	81.5	6.4	-6.3	-0.9	298.8	326.5	10.3	98.2	1.3	255.
4.4	21.6	1736.4	825.0	11.0	10.5	82.7	5.7	-5.7	-0.1	300.2	326.6	9.7	96.6	1.6	257.
5.1	23.9	1993.3	800.0	9.8	9.1	92.3	5.6	-5.6	0.2	301.6	326.6	9.1	95.3	1.8	259.
5.8	26.3	2257.2	775.0	8.4	7.4	94.5	5.6	-5.6	0.4	302.8	326.0	8.4	93.6	2.0	261.
6.3	28.7	2528.3	750.0	7.0	5.8	97.4	6.1	-6.0	0.8	304.1	325.8	7.8	92.7	2.2	262.
7.0	31.1	2806.9	725.0	5.3	4.3	94.6	6.7	-6.6	0.5	305.3	325.5	7.2	92.7	2.4	264.
7.7	33.6	3093.7	700.0	3.6	2.3	89.2	6.6	-6.6	-0.1	306.5	324.8	6.5	91.2	2.7	264.
8.6	36.1	3397.8	675.0	1.0	-0.2	89.5	6.0	-6.0	-0.2	306.8	322.8	5.6	91.4	3.1	265.
9.6	38.6	3691.4	650.0	-0.0	-1.2	80.0	5.1	-5.0	-0.9	309.0	324.6	5.4	91.4	3.4	265.
10.7	41.2	4005.7	625.0	-0.9	-1.9	102.5	2.9	-2.8	0.6	311.4	327.1	5.4	93.2	3.7	265.
11.8	43.9	4331.4	600.0	-2.6	-3.2	185.4	2.8	0.3	2.8	313.1	328.0	5.1	95.8	3.7	266.
13.1	46.6	4668.5	575.0	-4.6	-5.4	221.7	5.2	3.4	3.9	314.6	327.9	4.4	93.6	3.6	270.
14.4	49.2	5017.9	550.0	-6.3	-7.5	213.7	6.2	3.4	5.1	316.6	328.6	4.0	91.3	3.3	276.
15.5	52.0	5381.1	525.0	-8.0	-9.4	208.3	7.1	3.3	6.2	318.8	329.9	3.6	89.2	3.1	283.
16.8	54.9	5759.1	500.0	-10.3	-12.1	213.0	9.2	5.8	7.1	320.4	329.9	3.0	86.9	3.0	294.
18.1	57.8	6153.0	475.0	-12.4	-14.5	223.8	12.1	8.7	8.5	322.6	331.0	2.6	84.7	2.8	311.
19.3	60.8	6564.6	450.0	-14.6	-16.9	226.9	14.3	10.4	9.8	324.9	332.2	2.3	82.9	2.9	330.
21.6	63.9	6995.6	425.0	-17.6	-20.1	228.8	16.7	12.6	11.0	326.5	332.5	1.8	80.6	3.4	352.
22.0	67.1	7447.4	400.0	-20.5	-23.4	224.5	17.6	12.4	12.6	328.2	333.2	1.4	77.8	4.4	8.
23.5	70.4	7922.4	375.0	-23.7	-26.8	217.1	20.0	12.0	15.9	330.2	334.1	1.1	75.4	5.8	16.
24.8	73.9	8422.9	350.0	-27.6	-31.0	217.3	21.2	12.8	16.8	331.6	334.5	0.8	72.5	7.4	21.
26.4	77.4	8952.1	325.0	-31.6	-35.3	217.8	22.1	13.5	17.5	333.2	335.3	0.6	69.2	9.3	24.
27.9	81.1	9513.3	300.0	-36.2	-40.1	218.0	22.9	13.4	18.5	334.4	335.8	0.4	66.7	11.3	27.
29.5	85.0	10110.4	275.0	-41.5	-45.9	213.1	23.1	13.7	21.0	335.1	335.9	99.9	99.9	13.5	28.
31.2	89.2	10748.6	250.0	-47.4	-51.9	212.8	23.8	16.1	25.0	335.7	335.9	99.9	99.9	16.3	29.
33.0	93.5	11435.2	225.0	-53.9	-59.9	213.6	33.1	18.3	27.6	335.9	335.9	99.9	99.9	19.7	29.
34.7	98.2	12180.2	200.0	-59.6	-65.9	217.4	33.9	20.6	27.0	338.4	338.4	99.9	99.9	23.3	30.
36.7	103.2	13008.7	175.0	-65.5	-71.9	223.3	37.7	24.7	24.4	341.9	339.9	99.9	99.9	27.1	32.
38.9	108.5	13935.2	150.0	-67.3	-73.9	233.5	41.6	35.8	21.1	354.2	339.9	99.9	99.9	31.8	35.
41.5	114.5	15055.1	125.0	-68.5	-75.9	99.9	99.9	99.9	99.9	389.1	339.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA21 MAY 1979
1105 GMT

155 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	392.0	955.5	17.6	17.3	30.0	3.6	-1.8	-3.1	293.5	327.6	13.0	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	10.7	530.8	950.0	16.6	16.6	45.3	7.6	-5.5	-5.5	294.1	326.9	12.7	100.9	0.3	221.
1.1	13.0	758.3	925.0	15.3	15.3	47.2	8.6	-6.3	-5.8	295.0	326.2	12.0	101.2	0.6	224.
1.8	15.4	991.1	900.0	14.0	14.0	47.3	7.5	-5.5	-5.1	295.0	325.5	11.3	101.0	0.9	225.
2.6	17.7	1229.1	875.0	12.9	12.9	53.5	7.6	-6.1	-4.5	297.2	325.8	10.6	100.6	1.3	226.
3.4	20.1	1472.9	850.0	12.2	8.5	51.1	6.0	-4.7	-3.8	298.5	321.3	8.3	78.5	1.6	229.
4.2	22.5	1723.5	825.0	11.5	7.3	47.8	5.8	-4.3	-3.9	300.8	322.1	7.8	75.0	1.8	228.
4.9	24.8	1980.8	800.0	10.4	6.6	75.1	7.3	-7.1	-1.9	302.3	323.4	7.7	77.1	2.1	229.
5.9	27.3	2245.1	775.0	9.1	4.7	91.6	8.8	-8.8	0.2	303.6	323.0	7.0	73.8	2.5	236.
6.7	29.7	2516.6	750.0	7.6	4.2	99.1	9.5	-9.4	1.5	304.8	324.2	6.9	79.2	2.9	242.
7.7	32.3	2795.5	725.0	5.4	3.0	107.6	8.9	-8.5	2.7	305.4	323.9	6.6	84.6	3.3	248.
8.7	34.8	3081.8	700.0	3.3	3.2	115.2	7.6	-6.9	3.3	306.2	324.4	6.4	92.2	3.7	253.
9.6	37.4	3376.7	675.0	1.8	1.3	119.5	5.5	-4.8	2.7	307.7	325.5	6.2	96.4	4.0	257.
10.6	43.1	3680.6	650.0	-0.0	-0.4	129.8	2.5	-1.9	1.6	309.0	325.5	5.7	96.9	4.2	259.
11.6	42.9	3994.7	625.0	-1.6	-2.0	123.9	1.2	0.5	0.9	310.6	326.1	5.3	97.2	4.2	260.
12.6	45.6	4319.5	600.0	-3.1	-3.5	271.3	2.4	2.4	-0.1	312.6	327.2	4.9	97.0	4.1	260.
13.6	48.4	4656.0	575.0	-5.0	-5.4	283.2	4.7	4.6	-1.1	314.1	327.4	4.4	97.0	3.9	259.
14.6	51.3	5005.0	550.0	-6.8	-7.1	285.2	8.0	7.7	-2.1	316.3	328.7	4.1	95.9	3.5	256.
15.7	54.3	5367.7	525.0	-8.7	-9.2	282.8	10.1	9.9	-2.2	318.0	329.1	3.6	96.0	3.0	250.
16.9	57.4	5744.6	500.0	-11.2	-11.7	275.0	10.9	10.9	-1.0	319.4	329.2	3.1	96.1	2.4	242.
18.2	60.5	6136.5	475.0	-14.0	-14.2	261.6	12.3	12.2	1.8	320.6	325.1	1.4	49.7	1.6	227.
19.4	63.6	6544.8	450.0	-17.1	-17.1	254.3	13.4	12.9	3.6	321.7	325.1	1.0	45.5	0.9	195.
20.6	67.0	6970.4	425.0	-20.7	-19.4	247.1	15.0	13.9	5.9	322.8	323.5	0.3	16.7	0.9	133.
21.9	70.4	7415.7	400.0	-24.4	-24.4	230.8	18.2	18.1	11.5	323.3	323.4	0.0	1.2	1.7	89.
23.0	73.9	7883.6	375.0	-27.0	-27.2	220.9	19.5	12.8	14.7	325.4	326.0	0.0	1.0	2.9	68.
24.6	77.6	8377.8	350.0	-30.5	-29.5	224.9	22.1	15.6	15.7	327.6	327.6	0.0	1.0	4.6	58.
26.1	81.3	8899.8	325.0	-34.6	-32.2	227.2	27.1	19.9	18.4	329.0	329.0	0.0	1.0	6.9	54.
27.9	85.3	9455.0	300.0	-37.8	-34.9	223.3	33.7	23.1	24.5	332.1	332.4	0.1	14.8	10.2	51.
29.6	89.5	10049.6	275.0	-42.0	-39.9	223.4	34.3	23.6	24.9	334.3	334.3	99.9	99.9	13.6	49.
31.3	93.8	10687.3	250.0	-47.6	-44.6	229.8	35.8	27.3	23.1	335.4	335.4	99.9	99.9	17.1	48.
32.9	98.5	11375.5	225.0	-52.9	-49.9	236.2	33.5	27.9	18.7	337.5	337.5	99.9	99.9	20.7	49.
34.7	103.4	12125.6	200.0	-58.4	-54.9	236.8	33.4	27.9	18.3	340.3	340.3	99.9	99.9	24.1	50.
36.7	108.9	12956.5	175.0	-62.7	-59.9	235.7	30.8	25.4	17.3	346.5	346.5	99.9	99.9	28.1	51.
39.0	114.7	13899.8	150.0	-63.5	-59.9	246.3	32.3	25.5	12.9	350.7	350.7	99.9	99.9	32.2	52.
42.3	121.2	15030.2	125.0	-61.3	-59.9	263.1	22.2	22.0	2.7	354.0	354.0	99.9	99.9	37.4	56.
46.7	129.7	16409.7	100.0	-62.7	-59.9	272.1	13.1	13.1	-0.5	406.6	406.6	99.9	99.9	41.1	58.
52.3	137.0	18180.5	75.0	-62.3	-59.9	293.8	6.8	5.5	-2.4	422.3	422.3	99.9	99.9	43.3	61.
60.6	147.5	20702.1	50.0	-56.1	-59.9	87.5	3.7	-3.7	-0.2	511.4	511.4	99.9	99.9	43.9	61.
73.2	160.0	25172.8	25.0	-50.1	-59.9	99.9	99.9	99.9	99.9	640.2	640.2	99.9	99.9	41.6	60.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS20 MAY 1979
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.5	1094.0	887.0	13.6	12.0	45.0	4.1	-2.9	-2.9	294.6	323.3	10.0	90.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	18.7	1299.2	875.0	13.4	13.0	76.4	7.7	-7.5	-1.8	297.7	326.6	10.9	97.5	0.2	227.0
1.3	21.2	1455.0	850.0	16.1	10.9	96.0	4.7	-4.6	0.5	303.0	329.6	9.7	71.6	0.5	249.0
2.2	23.7	1799.0	825.0	15.5	8.1	207.6	4.8	2.2	4.2	303.5	328.0	8.3	61.8	0.5	258.0
3.3	26.2	1971.3	800.0	16.4	-11.0	207.5	8.3	7.6	3.2	310.6	317.1	2.1	12.5	0.2	347.0
4.3	28.9	2282.1	775.0	16.8	-12.9	203.9	9.1	9.0	1.0	311.9	317.6	1.8	11.8	0.5	60.0
5.2	31.4	2519.9	750.0	14.5	-11.7	204.1	10.0	9.9	1.0	312.3	318.8	2.1	13.2	1.0	73.0
6.2	34.1	2804.8	725.0	12.2	-7.8	259.1	10.7	10.6	2.0	312.8	321.8	2.9	24.0	1.7	77.0
7.3	36.9	3056.9	700.0	9.1	-4.3	253.4	11.1	10.6	3.2	312.4	324.4	4.0	38.4	2.4	77.0
8.3	39.6	3396.9	675.0	6.0	-3.2	254.5	10.4	10.0	2.8	312.4	325.0	4.5	51.6	3.0	76.0
9.4	42.4	3704.7	650.0	3.3	-7.3	255.1	9.6	9.6	0.8	312.7	323.1	3.6	46.0	3.7	76.0
10.6	45.1	4021.3	625.0	0.9	-9.9	271.2	7.4	7.4	-0.2	313.5	322.3	2.9	44.1	4.3	78.0
11.9	49.2	4347.9	600.0	-1.9	-11.2	256.4	6.6	6.5	1.6	313.9	322.3	2.7	49.3	4.8	79.0
13.3	51.2	4693.5	575.0	-2.6	-11.6	245.0	9.0	8.2	3.8	316.5	317.2	0.1	1.0	5.4	78.0
14.6	54.3	5036.5	550.0	-4.7	-12.9	235.0	10.3	8.4	5.9	318.5	318.7	0.0	1.0	6.2	75.0
15.9	57.4	5400.2	525.0	-7.8	-20.1	238.9	11.7	10.0	6.1	319.0	321.8	0.8	20.9	6.9	73.0
17.1	60.6	5778.2	500.0	-10.3	-19.7	235.0	12.9	11.0	6.7	321.1	326.9	1.8	49.9	7.9	72.0
18.3	63.9	6171.7	475.0	-13.2	-19.7	235.0	13.1	10.7	7.5	321.0	327.1	1.7	57.8	8.8	70.0
19.6	67.1	6598.5	450.0	-17.0	-21.9	224.7	12.9	9.1	9.2	321.9	326.8	1.5	65.9	9.8	68.0
21.4	70.7	7008.1	425.0	-19.7	-30.8	211.2	12.7	6.6	10.9	323.7	326.2	0.7	39.2	10.9	65.0
23.0	74.3	7425.1	400.0	-23.7	-29.7	216.2	14.2	6.4	11.5	323.7	327.3	0.9	63.9	12.0	61.0
24.7	78.0	7923.3	375.0	-26.7	-36.8	230.7	19.6	15.2	12.4	326.2	327.7	0.4	37.8	13.6	59.0
26.5	81.8	8417.5	350.0	-30.4	-39.0	231.5	24.1	18.9	15.0	327.6	329.1	0.4	42.2	16.0	58.0
28.4	85.8	8940.3	325.0	-34.4	-48.0	231.9	25.9	20.4	16.0	329.2	329.8	0.1	23.5	18.8	57.0
39.4	90.0	9494.5	300.0	-39.0	-52.2	229.8	26.5	19.9	17.4	330.4	330.7	0.1	23.1	21.9	56.0
32.4	94.4	10025.0	275.0	-43.9	-59.9	229.3	30.3	23.0	19.7	331.7	330.9	99.9	999.9	25.3	55.0
35.0	99.2	10718.1	250.0	-48.7	-69.9	233.5	35.6	28.6	21.2	333.4	339.9	99.9	999.9	30.4	55.0
37.8	104.0	11494.6	225.0	-52.4	-79.9	237.6	39.6	33.5	21.2	339.2	349.9	99.9	999.9	36.6	55.0
40.7	109.4	12156.4	200.0	-57.9	-89.9	242.3	39.4	34.9	18.4	341.0	349.9	99.9	999.9	44.0	56.0
44.1	115.2	12986.1	175.0	-63.7	-99.9	248.8	34.7	32.3	15.5	348.8	349.9	99.9	999.9	51.2	57.0
47.7	121.5	13920.9	150.0	-67.7	-99.9	241.0	32.7	28.6	15.9	353.5	359.9	99.9	999.9	57.9	58.0
52.0	128.3	15033.4	125.0	-62.3	-99.9	246.0	27.0	25.6	11.0	363.1	369.9	99.9	999.9	66.1	58.0
56.9	136.0	16100.6	100.0	-63.2	-99.9	256.5	16.9	16.4	3.9	405.6	409.9	99.9	999.9	72.4	59.0
63.1	145.0	18153.2	75.0	-61.9	-99.9	273.6	7.3	7.3	-0.5	443.1	449.9	99.9	999.9	76.1	60.0
71.4	155.0	20698.5	50.0	-57.2	-99.9	233.5	4.7	3.8	2.8	508.6	509.9	99.9	999.9	77.2	60.0
84.1	165.0	25154.7	25.0	-50.9	-99.9	226.7	4.9	3.6	3.4	638.3	639.9	99.9	999.9	78.3	59.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS20 MAY 1979
1400 GMT

TIME MIN	CNTCT	HEIGHT FT	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	16.7	1094.0	888.4	16.1	13.4	30.0	5.1	-2.5	-4.4	299.2	328.5	11.0	34.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	18.0	1223.4	875.0	14.8	14.2	42.8	5.2	-3.5	-3.8	299.1	330.5	11.8	96.5	0.1	214.
1.4	20.5	1468.6	850.0	12.8	11.9	76.9	3.3	-3.2	-0.8	299.5	327.4	10.4	94.6	0.4	227.
2.4	22.9	1720.3	825.0	15.1	6.9	81.4	2.7	-2.7	-0.4	304.6	325.8	7.6	58.0	0.5	238.
3.3	25.4	1981.3	800.0	15.1	3.0	81.3	2.6	-2.6	-0.4	307.2	324.4	6.0	44.8	0.6	242.
4.2	27.9	2249.9	775.0	15.2	-14.3	161.9	2.5	-0.8	2.4	310.1	315.2	1.6	11.9	0.7	249.
5.2	30.4	2526.9	750.0	14.4	-17.6	243.3	3.1	2.8	1.3	312.2	316.3	1.3	9.3	0.6	257.
6.2	33.0	2811.4	725.0	11.7	-11.2	999.9	99.9	99.9	99.9	312.3	319.2	2.2	18.9	999.9	999.
7.3	35.6	3103.5	700.0	8.8	-5.2	999.9	99.9	99.9	99.9	312.2	323.4	3.7	36.9	999.9	999.
8.5	39.3	3403.1	675.0	5.9	-4.2	999.9	99.9	99.9	99.9	312.3	325.0	4.3	49.3	999.9	999.
9.6	41.0	3710.6	650.0	3.7	-15.2	999.9	99.9	99.9	99.9	313.1	318.8	1.8	23.6	999.9	999.
10.7	43.8	4027.7	625.0	1.1	-17.3	999.9	99.9	99.9	99.9	313.7	318.7	1.6	23.7	999.9	999.
11.9	46.7	4354.3	600.0	-1.8	-13.5	999.9	99.9	99.9	99.9	314.1	321.1	2.2	40.3	999.9	999.
13.1	49.6	4691.5	575.0	-3.8	-28.0	212.0	8.9	4.7	7.5	315.5	318.0	0.8	15.1	1.6	38.
14.3	52.5	5040.9	550.0	-6.4	-13.7	213.9	9.2	5.1	7.6	316.5	321.1	2.4	56.2	2.2	38.
15.5	55.6	5403.7	525.0	-7.9	-30.9	211.4	8.0	4.2	6.8	319.0	321.0	0.6	14.5	2.9	36.
16.9	58.8	5781.1	500.0	-10.8	-21.7	209.4	9.6	4.7	8.4	319.9	324.3	1.3	40.3	3.5	35.
18.3	62.0	6173.5	475.0	-13.5	-17.9	211.1	9.9	5.1	8.5	321.2	327.5	2.0	69.2	4.4	34.
19.7	65.3	6583.0	450.0	-16.7	-20.4	217.7	8.9	5.2	6.8	322.2	327.7	1.7	72.9	5.2	34.
21.2	68.6	7009.9	425.0	-19.9	-27.8	234.5	8.9	6.8	5.8	323.5	326.5	0.9	49.0	5.9	35.
22.7	72.1	7456.1	400.0	-23.8	-35.7	234.7	11.0	9.0	6.4	324.1	325.7	0.4	32.2	6.8	38.
24.2	75.7	7923.6	375.0	-28.1	-31.9	233.7	15.5	12.5	9.2	324.4	326.8	0.7	70.1	7.9	40.
26.0	79.5	8418.0	350.0	-31.5	-40.5	233.1	21.2	16.9	12.7	326.2	327.4	0.3	40.5	9.9	43.
27.6	83.3	8938.4	325.0	-35.2	-44.0	233.0	23.6	18.8	14.2	328.2	329.1	0.2	41.7	12.0	45.
29.5	87.5	9495.7	300.0	-39.3	-75.3	231.0	27.0	21.0	17.0	330.1	330.1	0.0	1.0	14.8	46.
31.4	91.7	10080.3	275.0	-43.2	99.9	224.1	33.6	23.4	24.1	332.6	999.9	99.9	999.9	18.2	46.
33.5	96.2	10715.8	250.0	-47.0	99.9	228.5	40.0	30.0	26.5	336.2	999.9	99.9	999.9	22.9	46.
36.0	101.0	11404.4	225.0	-52.8	99.9	234.1	40.1	32.4	23.5	337.6	999.9	99.9	999.9	28.9	47.
38.7	106.2	12154.9	200.0	-58.3	99.9	241.0	33.3	34.3	19.1	340.4	999.9	99.9	999.9	35.2	49.
41.5	111.8	12985.3	175.0	-62.6	99.9	246.0	35.5	32.4	14.5	346.7	999.9	99.9	999.9	41.4	51.
44.7	117.7	13925.8	150.0	-66.3	99.9	238.0	31.9	27.1	16.9	355.9	999.9	99.9	999.9	47.5	53.
48.4	124.3	15047.2	125.0	-59.7	99.9	252.1	29.7	19.7	6.4	387.0	999.9	99.9	999.9	54.0	54.
52.7	131.7	16431.1	100.0	-62.6	99.9	251.1	11.4	10.8	3.7	406.9	999.9	99.9	999.9	57.0	55.
58.2	140.3	18202.8	75.0	-62.1	99.9	254.3	6.8	6.5	1.8	442.6	999.9	99.9	999.9	59.3	56.
65.3	149.7	20738.0	50.0	-56.8	99.9	999.9	99.9	99.9	99.9	509.4	599.9	99.9	999.9	60.7	56.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

20 MAY 1979
1700 GMT

TIME MIN	ORTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD CM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.0	1094.0	889.5	16.1	13.4	40.0	6.5	-5.5	-6.5	299.1	326.4	11.0	84.0	0.0	0.
0.9	98.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
98.9	98.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
98.9	98.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
98.9	98.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
98.9	98.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	17.4	1233.0	875.0	14.3	13.8	37.1	10.9	-6.6	-8.7	298.6	329.1	11.4	96.8	0.4	217.
1.5	19.8	1476.6	850.0	12.6	12.3	41.0	9.2	-8.0	-6.9	299.4	327.9	10.6	97.7	1.0	216.
2.6	22.3	1729.6	825.0	11.5	11.1	44.8	6.4	-4.4	-4.6	300.8	328.2	10.2	97.5	1.5	219.
3.6	24.8	1988.0	800.0	11.3	6.4	85.0	2.7	-2.7	-0.2	305.2	326.5	7.6	63.4	1.8	221.
4.7	27.3	2254.3	775.0	15.0	-15.2	171.1	3.0	-0.5	3.0	309.9	314.6	1.5	11.0	1.4	232.
5.8	29.9	2533.0	750.0	14.5	-20.0	176.7	5.7	-0.3	5.6	312.3	315.7	1.0	7.5	1.5	232.
7.0	32.6	2817.7	725.0	12.3	-18.7	171.0	4.6	-0.7	4.6	312.9	316.8	1.2	9.9	1.4	247.
9.2	35.2	3110.0	700.0	9.5	-6.8	169.3	4.1	-0.8	4.0	313.0	322.9	3.3	31.0	1.3	259.
9.4	37.9	3410.4	675.0	4.9	-3.1	170.8	9.5	-0.9	5.4	313.0	326.4	4.5	50.2	1.4	272.
10.7	40.7	3715.3	650.0	4.1	-1.9	172.8	7.6	-0.9	7.6	313.6	328.8	5.2	65.2	1.5	291.
11.9	43.6	4037.1	625.0	1.3	-3.4	172.2	9.1	-1.2	9.0	314.0	328.2	4.8	70.7	1.9	302.
13.1	46.4	4364.8	600.0	-1.4	-8.2	175.4	10.2	-0.8	10.1	314.5	324.9	3.4	59.6	2.5	320.
14.4	49.4	4702.3	575.0	-4.3	-10.7	182.4	10.8	0.5	10.8	314.9	324.0	2.9	61.0	3.1	329.
15.7	52.4	5051.5	550.0	-4.0	-8.0	193.3	9.9	2.3	9.7	315.9	326.8	3.6	86.4	3.8	337.
16.9	55.4	5414.3	525.0	-8.0	-8.3	203.3	11.1	4.4	10.2	318.8	330.7	3.9	97.5	4.4	343.
18.4	58.6	5792.6	500.0	-10.4	-11.6	208.4	12.4	9.9	11.0	320.3	330.2	3.1	90.9	5.2	351.
19.8	61.9	6155.7	475.0	-13.1	-13.9	213.2	12.2	6.7	10.2	321.7	330.4	2.7	93.0	6.0	357.
21.3	65.1	6594.6	450.0	-17.4	-20.5	227.9	11.1	8.3	7.5	321.4	324.1	0.8	37.2	6.8	3.
22.8	68.6	7020.2	425.0	-20.8	-33.2	229.7	9.7	7.4	6.3	322.7	324.6	0.5	30.8	7.5	9.
24.3	72.1	7466.1	400.0	-23.6	-34.1	221.8	12.7	8.4	9.4	324.3	326.1	0.5	37.4	8.2	13.
26.0	75.9	7933.8	375.0	-27.8	-64.0	219.1	20.9	13.2	16.2	324.9	325.0	0.0	4.2	9.8	17.
28.1	79.7	8425.9	350.0	-31.2	-56.7	218.2	27.9	17.2	21.9	326.6	326.8	0.0	6.3	12.6	22.
30.2	83.7	8947.5	325.0	-34.6	-72.3	219.9	31.2	20.0	23.9	328.8	328.8	0.0	1.0	16.4	26.
32.2	87.8	9502.4	300.0	-38.5	-74.8	219.0	34.7	21.8	26.9	331.2	331.2	0.0	1.0	20.3	29.
34.3	92.2	10053.2	275.0	-42.4	-99.9	214.5	38.6	21.9	31.8	333.6	999.9	99.9	999.9	24.7	30.
36.6	96.8	10733.8	250.0	-46.7	99.9	218.0	41.9	23.8	33.0	336.7	999.9	99.9	999.9	30.5	31.
39.1	101.8	11423.8	225.0	-52.5	99.9	225.3	42.3	30.0	29.7	338.1	999.9	99.9	999.9	36.7	33.
41.8	107.2	12176.2	200.0	-57.4	99.9	232.1	42.8	33.8	26.3	341.9	999.9	99.9	999.9	43.4	35.
44.7	113.0	13010.5	175.0	-61.7	99.9	237.1	35.4	28.7	19.2	346.1	999.9	99.9	999.9	50.3	36.
48.0	119.2	13964.1	150.0	-63.7	99.9	234.7	29.2	23.8	16.9	360.4	999.9	99.9	999.9	55.8	40.
51.7	125.3	15092.1	125.0	-60.3	99.9	232.3	21.0	20.1	6.4	365.9	999.9	99.9	999.9	61.2	42.
54.2	134.3	16473.9	100.0	-61.1	99.9	244.3	13.6	12.3	5.9	409.7	999.9	99.9	999.9	64.9	43.
61.6	143.5	18256.9	75.0	-62.4	99.9	241.7	5.5	4.8	2.6	441.8	999.9	99.9	999.9	67.5	45.
66.2	150.5	20790.0	50.0	-58.9	99.9	198.3	3.3	1.0	3.1	509.4	999.9	99.9	999.9	68.6	46.
81.6	163.7	25298.1	25.0	-49.2	99.9	198.3	5.1	1.6	4.8	643.5	999.9	99.9	999.9	69.9	47.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 363
AMARILLO, TEXAS20 MAY 1979
2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP R/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.7	1094.0	888.8	15.6	13.4	60.0	9.0	-7.8	-4.5	298.7	328.0	11.0	37.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	19.0	1227.0	875.0	14.8	14.1	64.5	10.1	-9.1	-4.3	299.2	330.3	11.7	95.7	0.3	242.
1.5	20.5	1472.0	850.0	12.6	12.1	69.5	11.3	-10.6	-3.9	299.4	327.7	10.6	96.8	0.9	245.
2.5	22.9	1722.7	825.0	11.2	10.6	76.0	11.2	-10.8	-2.7	300.4	327.0	9.8	95.6	1.6	247.
3.3	25.4	1979.9	800.0	5.8	4.0	106.8	6.8	-6.5	2.0	301.6	319.6	6.5	68.0	2.1	252.
4.3	27.9	2243.7	775.0	10.6	-6.1	154.2	5.7	-1.6	3.3	305.2	318.5	3.1	30.4	2.2	257.
5.2	30.6	2517.2	750.0	10.3	1.9	173.6	9.7	-0.6	5.6	307.8	324.6	5.9	55.8	2.2	253.
6.3	33.1	2798.5	725.0	7.9	0.6	109.1	0.2	-1.2	6.1	308.1	324.1	5.6	60.2	2.2	274.
7.4	35.8	3087.5	700.0	6.0	0.5	154.7	6.6	-2.8	6.0	309.2	325.6	5.7	67.6	2.4	283.
8.6	38.6	3385.1	675.0	4.2	0.9	152.8	8.9	-4.1	7.9	310.3	327.9	6.1	79.4	2.8	292.
9.9	41.2	3691.6	650.0	2.0	0.7	164.6	9.8	-2.6	9.5	311.3	329.3	6.2	90.9	3.4	301.
11.1	44.1	4007.9	625.0	0.4	-0.8	184.0	9.3	0.6	9.2	312.9	330.0	5.8	91.7	3.9	309.
12.2	46.9	4335.1	600.0	-1.2	-2.6	200.4	6.7	3.0	8.2	314.7	330.4	5.3	90.5	4.1	316.
13.3	49.8	4673.6	575.0	-3.5	-4.5	205.3	6.3	3.5	7.5	315.6	330.1	4.8	93.1	4.4	323.
14.4	52.8	5023.8	550.0	-4.3	-9.8	206.8	0.1	3.7	7.2	316.6	328.9	3.3	76.8	4.6	329.
15.6	55.9	5385.5	525.0	-9.4	-24.4	216.0	9.6	5.6	7.8	317.2	320.5	1.0	28.7	4.9	335.
16.7	59.0	5761.3	500.0	-11.5	-24.5	222.9	12.4	8.4	9.1	319.1	322.5	1.0	32.9	5.3	342.
18.1	62.3	6152.6	475.0	-14.6	-23.7	226.3	15.0	10.8	10.3	319.9	323.8	1.2	45.8	5.9	353.
19.4	65.5	6560.4	450.0	-17.5	-24.4	225.4	17.0	12.1	12.0	321.3	325.2	1.2	54.5	6.7	1.
20.7	68.8	6953.1	425.0	-20.5	-26.4	214.1	19.7	11.1	16.3	322.7	325.2	1.0	59.2	7.9	8.
22.4	72.4	7432.6	400.0	-23.3	-31.3	212.9	21.7	11.8	18.3	324.7	327.1	0.7	47.6	9.9	13.
24.2	76.1	7901.6	375.0	-26.9	-33.7	215.7	21.3	12.5	17.3	326.1	328.1	0.6	52.3	12.0	17.
25.7	79.9	8395.2	350.0	-30.5	-35.9	211.7	23.9	12.6	20.3	327.6	329.4	0.5	58.6	14.1	19.
27.7	83.8	8917.4	325.0	-34.3	-40.4	205.3	26.2	11.2	23.7	329.4	330.6	0.3	53.5	16.8	21.
29.9	87.8	9473.9	300.0	-37.6	-45.7	205.1	33.7	14.3	30.5	332.4	333.2	0.2	41.8	20.8	21.
32.1	92.2	10063.9	275.0	-42.0	-50.9	209.7	40.5	20.0	35.2	334.4	334.4	99.9	999.9	25.7	23.
34.5	96.6	10707.9	250.0	-46.7	-55.9	215.3	41.0	23.7	33.5	336.6	336.6	99.9	999.9	31.5	24.
36.6	101.4	11397.8	225.0	-52.5	-61.9	217.8	46.8	28.7	36.9	338.1	338.1	99.9	999.9	36.7	26.
38.9	106.5	12149.7	200.0	-57.5	-67.5	226.5	40.3	33.6	31.9	341.6	341.6	99.9	999.9	43.4	29.
41.5	112.0	12931.9	175.0	-63.8	-73.9	230.6	39.6	30.6	25.1	349.5	349.5	99.9	999.9	49.7	31.
44.8	119.0	13941.6	150.0	-62.9	-69.9	233.2	31.4	25.1	18.8	361.6	361.6	99.9	999.9	55.6	34.
48.5	128.5	15074.0	125.0	-63.1	-59.9	235.0	21.2	17.4	12.2	382.5	382.5	99.9	999.9	61.5	36.
53.0	131.7	16466.2	100.0	-59.0	-59.9	243.3	18.5	16.5	8.3	413.6	413.6	99.9	999.9	66.4	37.
58.7	139.7	18239.3	75.0	-64.0	-59.9	251.4	6.0	5.7	1.9	438.7	438.7	99.9	999.9	69.1	39.
65.9	148.3	20759.6	50.0	-56.8	-59.9	253.8	5.4	4.5	3.0	509.5	509.5	99.9	999.9	70.1	39.
80.2	157.3	25257.5	25.0	-48.0	-59.9	154.0	2.9	-1.3	2.6	647.1	647.1	99.9	999.9	69.9	39.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

20 MAY 1579
2300 GMT

143 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'Y DG K	E POT T DG K	MX RTO GM/KG	RH PCY	RANGE KN	AZ DG
0.0	16.5	1094.0	887.5	16.7	15.1	70.0	12.5	-11.7	-4.3	299.9	332.6	12.3	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.4	17.8	1215.2	875.0	15.5	14.6	67.1	17.2	-15.9	-6.7	299.5	332.5	12.2	95.6	0.4	240.
1.2	20.2	1461.3	850.0	13.7	13.2	72.9	16.7	-16.0	-4.9	300.5	331.0	11.4	97.1	1.1	245.
2.0	22.7	1713.4	825.0	12.7	12.2	86.0	14.5	-14.5	-1.0	302.0	331.7	11.0	96.9	1.9	251.
2.9	25.2	1971.4	800.0	10.9	5.0	91.4	10.8	-10.8	0.3	302.7	321.9	6.9	67.6	2.5	256.
3.7	27.7	2237.6	775.0	13.0	-3.2	94.7	7.6	-7.6	0.6	307.2	319.3	3.9	32.4	3.0	258.
4.6	30.3	2512.6	750.0	11.7	-2.9	113.6	4.8	-4.4	1.9	309.3	321.5	4.1	36.0	3.3	260.
5.8	32.9	2795.4	725.0	9.7	-0.6	148.7	4.5	-2.3	3.8	310.1	324.8	5.1	48.7	3.4	264.
6.8	35.6	3085.9	700.0	7.1	-0.3	173.9	5.7	-0.6	5.7	310.3	326.0	5.4	59.5	3.5	269.
7.8	38.1	3384.1	675.0	5.3	-1.8	199.6	8.1	2.7	7.6	311.6	326.3	5.0	60.0	3.5	276.
8.9	40.9	3691.5	650.0	3.0	-3.8	208.3	10.6	5.0	9.3	312.4	325.7	4.5	60.9	3.3	285.
9.9	43.8	4008.4	625.0	0.9	-5.4	207.9	13.0	6.1	11.5	313.5	325.7	4.1	62.4	3.2	298.
11.0	46.6	4335.3	600.0	-1.6	-4.4	201.2	14.9	5.4	13.9	314.3	328.1	4.6	81.4	3.4	314.
12.2	49.5	4673.0	575.0	-4.3	-4.9	198.3	16.8	5.3	15.9	314.9	328.8	4.6	96.0	4.0	329.
13.4	52.4	5022.8	550.0	-6.1	-6.6	199.6	17.7	5.9	16.6	316.8	329.6	4.2	96.1	4.9	340.
14.5	55.5	5386.3	525.0	-8.0	-8.6	202.9	19.4	7.5	17.8	318.2	330.5	3.8	95.9	5.9	348.
15.6	58.6	5764.6	500.0	-9.7	-10.3	206.4	19.8	8.8	17.7	321.2	332.1	3.5	95.6	7.0	354.
17.3	61.9	6156.7	475.0	-14.1	-20.9	210.6	18.6	9.4	16.0	320.5	325.4	1.5	56.1	8.6	2.
18.6	65.1	6566.6	450.0	-14.6	-15.6	197.2	17.8	5.3	17.0	325.0	333.1	2.5	91.6	10.0	5.
20.0	68.4	6998.1	425.0	-17.2	-18.1	193.4	18.4	4.3	17.9	327.0	334.0	2.2	92.1	11.4	6.
21.5	72.0	7448.9	400.0	-21.7	-26.8	194.3	19.5	4.8	18.9	326.8	334.0	1.1	63.1	13.1	7.
23.0	75.7	7920.8	375.0	-25.4	-31.3	194.1	19.2	4.7	18.6	328.6	330.6	0.7	57.5	14.9	8.
24.6	79.4	8417.6	350.0	-29.6	-35.2	188.3	19.9	2.9	19.7	328.6	330.7	0.5	57.9	16.6	9.
26.3	83.3	8942.5	325.0	-33.1	-39.2	188.7	23.6	3.5	23.3	331.1	332.5	0.4	53.9	18.9	8.
28.0	87.3	9499.8	300.0	-37.9	-44.7	200.8	26.7	9.5	25.0	332.0	332.9	0.2	48.3	21.4	9.
29.9	91.6	10092.9	275.0	-42.8	-49.9	212.2	27.6	14.7	23.3	333.2	332.9	99.9	999.9	24.3	11.
32.1	96.2	10728.9	250.0	-48.5	-55.9	214.7	31.0	17.6	25.5	334.0	333.9	99.9	999.9	27.9	14.
34.3	100.8	11416.1	225.0	-52.6	-59.9	217.2	35.4	21.4	28.2	337.6	333.9	99.9	999.9	32.2	17.
37.0	106.0	12167.3	200.0	-57.7	-64.7	217.6	37.9	23.1	30.0	341.4	333.9	99.9	999.9	37.9	21.
39.9	111.6	13002.8	175.0	-61.2	-69.9	209.6	32.0	15.8	27.8	349.0	333.9	99.9	999.9	43.8	22.
43.5	117.7	13955.3	150.0	-62.0	-71.9	219.9	28.7	18.4	22.0	363.3	333.9	99.9	999.9	50.3	23.
47.8	124.3	15088.7	125.0	-63.3	-73.9	233.4	17.2	13.8	10.2	380.4	333.9	99.9	999.9	55.1	26.
52.8	132.0	16463.2	100.0	-62.2	-69.9	258.5	19.7	19.3	3.9	407.5	333.9	99.9	999.9	59.7	29.
60.0	141.0	18223.9	75.0	-63.2	-69.9	289.7	13.7	12.9	-4.6	440.4	333.9	99.9	999.9	63.9	35.
69.4	151.3	20768.6	50.0	-58.1	-59.9	999.9	99.9	99.9	99.9	506.7	333.9	99.9	999.9	64.0	36.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

21 MAY 1979
205 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.7	1094.0	888.7	15.6	14.5	80.0	9.0	-8.9	-1.6	298.7	330.0	11.8	93.0	0.0	0.
99.9	99.9	1000.0	888.7	15.6	14.5	80.0	9.0	-8.9	-1.6	298.7	330.0	11.8	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	19.0	1225.2	875.0	15.0	14.6	65.7	13.1	-12.2	-4.8	299.4	331.4	12.0	97.3	0.4	245.
1.4	20.4	1471.9	850.0	13.5	13.1	75.4	15.0	-14.5	-3.8	300.3	330.4	11.2	97.1	1.1	248.
2.4	22.7	1723.7	825.0	12.1	11.6	85.2	14.8	-14.8	-1.2	301.4	329.7	10.5	95.9	2.1	254.
3.3	25.3	1981.6	800.0	10.3	9.7	95.3	10.6	-10.5	1.5	302.2	328.1	9.5	95.6	3.1	258.
4.0	27.7	2246.1	775.0	8.7	8.0	115.0	0.9	-9.0	3.7	303.2	327.2	8.7	95.1	3.1	262.
5.0	30.2	2517.2	750.0	7.3	4.6	125.1	6.7	-5.5	3.8	304.5	324.4	7.1	82.8	3.5	266.
5.9	32.8	2757.4	725.0	6.0	3.3	167.3	4.7	-1.0	4.6	308.3	327.5	6.7	72.2	3.7	270.
7.0	35.4	3086.9	700.0	6.4	1.5	209.6	8.0	3.9	6.9	309.6	327.1	6.1	70.6	3.6	275.
9.0	38.0	3384.7	675.0	4.5	1.5	209.2	11.4	5.4	10.1	310.7	329.1	6.3	80.6	3.4	285.
9.1	40.7	3691.7	650.0	1.9	1.1	207.4	11.8	5.4	10.5	311.1	329.6	6.4	94.3	3.3	298.
10.1	43.4	4007.4	625.0	-0.5	0.6	209.9	11.9	6.0	10.3	311.9	327.9	5.5	92.7	3.4	310.
11.2	46.2	4332.8	600.0	-3.0	-4.3	211.4	11.9	6.2	10.1	312.7	326.5	4.7	91.1	3.6	323.
12.3	49.1	4668.8	575.0	-5.1	-7.6	209.4	11.1	5.4	9.6	314.0	325.3	3.8	82.6	3.9	334.
13.4	52.0	5017.1	550.0	-7.2	-8.7	205.6	10.3	4.6	9.2	315.6	325.6	3.6	89.0	4.3	341.
14.4	55.0	5370.5	525.0	-9.5	-17.7	213.4	12.4	6.8	10.4	317.0	322.8	1.8	51.1	4.8	346.
15.6	58.0	5724.3	500.0	-10.7	-30.7	218.6	13.4	9.8	11.9	320.1	320.2	0.0	1.0	5.5	355.
16.8	61.1	6100.2	475.0	-12.4	-57.8	212.6	17.2	9.2	14.5	322.6	322.8	0.0	1.0	6.4	2.
18.0	64.4	6500.7	450.0	-15.3	-59.6	201.6	19.9	6.9	17.6	324.1	324.2	0.0	1.0	7.6	6.
19.3	67.7	6890.6	425.0	-17.7	-61.2	203.6	19.8	7.0	18.5	326.3	326.4	0.0	1.0	9.1	8.
20.5	71.1	7295.3	400.0	-22.1	-64.0	205.6	23.3	10.1	21.0	328.3	326.3	0.0	1.0	10.6	10.
22.0	74.6	7691.3	375.0	-25.9	-65.5	203.1	29.9	10.6	24.9	327.3	327.4	0.0	1.0	12.7	13.
23.7	78.2	8096.0	350.0	-30.1	-69.2	199.8	28.6	9.7	25.9	328.2	328.2	0.0	1.0	15.6	14.
25.3	82.0	8495.7	325.0	-36.1	-72.5	193.2	30.1	9.4	20.5	320.4	329.4	0.0	1.0	18.4	15.
27.0	86.0	8895.2	300.0	-37.4	-75.4	195.1	30.0	7.8	23.9	329.9	329.9	0.0	1.0	21.5	15.
28.9	90.2	9290.9	275.0	-43.5	-79.9	194.1	31.2	7.6	33.3	332.3	329.9	99.9	53.9	24.9	15.
30.9	94.5	9690.8	250.0	-43.6	-80.9	196.6	31.8	9.1	30.5	333.9	329.9	99.9	53.9	28.6	15.
33.2	99.2	10090.0	225.0	-53.4	-89.9	201.5	35.7	13.1	33.2	336.6	329.9	99.9	99.9	33.3	16.
35.6	104.0	10491.2	200.0	-53.3	-89.9	207.5	35.3	16.3	31.3	340.5	329.9	99.9	99.9	38.6	17.
38.3	109.4	10973.1	175.0	-62.6	-99.9	203.8	35.3	13.1	29.7	348.6	329.9	99.9	99.9	43.7	18.
41.4	115.2	11525.0	150.0	-60.2	-99.9	210.5	29.6	17.6	23.8	356.4	329.9	99.9	99.9	50.0	19.
43.0	121.5	12060.3	125.0	-60.7	-99.9	225.0	19.9	14.1	14.1	385.0	329.9	99.9	99.9	54.1	21.
49.0	129.0	12438.0	100.0	-60.7	-99.9	255.2	15.4	14.9	3.9	410.4	329.9	99.9	99.9	57.5	23.
54.4	137.3	13210.4	75.0	-62.6	-99.9	293.4	7.8	7.1	-3.4	441.8	329.9	99.9	99.9	59.5	27.
61.9	147.5	20740.0	50.0	-57.6	-99.9	159.2	4.6	-1.7	4.3	507.2	329.9	99.9	99.9	59.5	28.
74.5	159.5	25204.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.5	329.9	99.9	99.9	57.4	26.

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* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

21 MAY 1979
500 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.1	1094.0	889.5	15.0	13.9	70.0	10.0	-9.4	-3.4	288.0	328.0	11.3	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	17.5	1233.7	875.0	14.3	13.8	70.0	13.3	-12.5	-4.5	298.6	329.1	11.4	96.8	0.5	250.
1.3	19.9	1478.5	850.0	12.8	12.3	71.0	15.0	-14.2	-4.9	299.6	328.2	10.7	96.6	1.1	250.
2.2	22.5	1729.6	825.0	11.5	10.9	75.2	17.8	-17.2	-4.6	300.7	327.8	10.0	96.4	2.0	251.
3.2	24.9	1987.2	800.0	10.6	10.0	75.9	19.9	-19.2	-4.9	302.4	328.9	9.7	96.3	3.1	253.
3.9	27.5	2251.8	775.0	9.1	8.2	82.9	16.8	-16.7	-2.1	303.6	328.0	8.9	94.7	4.0	254.
4.5	30.1	2524.0	750.0	8.6	5.8	93.1	13.5	-13.5	0.7	305.9	327.6	7.8	82.6	4.5	256.
5.0	32.8	2803.8	725.0	6.3	4.1	104.3	11.2	-10.9	2.8	306.2	326.4	7.1	86.1	4.9	257.
5.5	35.4	3091.1	700.0	4.1	3.1	122.5	8.3	-7.0	4.5	307.0	326.4	6.9	93.2	5.1	259.
6.0	38.2	3386.7	675.0	2.2	1.6	137.7	7.4	-5.0	5.4	308.1	326.4	6.4	96.1	5.2	261.
6.6	40.9	3691.2	650.0	0.5	0.0	152.1	6.3	-3.9	7.4	309.6	326.7	5.9	96.4	5.3	264.
7.1	43.7	4006.3	625.0	-0.3	-0.8	168.5	9.5	-1.9	9.3	312.1	328.9	5.8	96.3	5.4	267.
7.8	46.6	4334.0	600.0	-0.1	-0.7	184.6	10.7	0.8	10.6	316.0	334.0	6.1	95.9	5.4	271.
8.6	49.6	4674.7	575.0	-1.6	-2.2	206.5	12.6	5.6	11.2	318.2	335.2	5.7	95.6	5.3	276.
9.5	52.6	5028.2	550.0	-3.4*	99.9	218.7	15.1	9.4	11.8	320.1	339.9	59.9	999.9	4.8	287.
11.8	55.6	5393.2	525.0	-7.5*	99.9	218.7	15.1	9.3	11.8	319.4	339.9	59.9	999.9	4.6	309.
13.5	58.9	5771.5	500.0	-10.1	-11.6	221.2	14.4	9.5	10.8	320.6	330.6	3.1	88.3	4.7	328.
14.7	62.0	6195.7	475.0	-12.3	-13.9	219.5	13.7	8.7	10.5	322.7	331.4	2.7	87.7	5.2	339.
15.8	65.4	6577.1	450.0	-15.3	-17.1	221.7	11.4	7.6	8.5	324.1	331.2	2.2	85.5	5.6	346.
16.8	68.9	7006.7	425.0	-18.4	-20.6	219.3	10.4	6.6	8.1	325.4	331.1	1.7	82.5	6.0	351.
17.9	72.3	7456.5	400.0	-21.7	-24.4	215.0	12.6	7.2	10.3	326.2	331.3	1.3	78.4	6.5	356.
19.0	76.0	7928.6	375.0	-25.2	-28.3	198.4	17.4	5.5	16.5	328.2	331.6	1.0	75.1	7.4	360.
21.7	75.8	8425.0	350.0	-31.2	-35.6	191.7	22.1	4.5	21.6	326.7	328.6	0.5	64.5	10.6	4.
24.6	83.8	8945.8	325.0	-34.4	-39.4	194.0	21.7	5.2	21.1	329.3	330.7	0.4	60.2	14.5	6.
26.7	89.0	9501.3	300.0	-38.6	-44.1	192.6	24.3	5.3	23.8	331.0	331.9	0.2	55.5	17.2	7.
28.4	92.3	10092.8	275.0	-43.8	99.9	190.7	29.8	5.5	29.3	331.7	999.9	99.9	999.9	19.9	8.
30.1	97.0	10725.8	250.0	-45.4	59.9	184.3	35.6	2.7	35.5	332.6	999.9	99.9	999.9	23.3	8.
33.2	101.8	11408.6	225.0	-54.3	99.9	185.6	37.5	3.7	37.3	335.4	999.9	99.9	999.9	30.1	7.
36.0	107.0	12156.0	200.0	-57.6	99.9	195.0	38.7	10.0	37.4	341.6	999.9	99.9	999.9	36.7	7.
39.8	113.0	12995.2	175.0	-60.1	59.9	202.0	33.6	12.6	31.2	350.7	999.9	99.9	999.9	44.1	9.
43.5	119.2	13953.2	150.0	-60.6	99.9	222.9	28.9	19.7	21.2	363.7	999.9	99.9	999.9	51.9	12.
48.0	126.2	15092.8	125.0	-60.6	99.9	243.9	16.9	15.2	7.5	385.2	999.9	99.9	999.9	55.1	15.
53.2	134.0	16463.0	100.0	-64.6	99.9	257.3	14.7	14.4	3.2	403.0	999.9	99.9	999.9	58.7	19.
60.5	143.0	18232.2	75.0	-63.2	99.9	999.9	99.9	99.9	99.9	400.4	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS21 MAY 1979
800 GMT

150 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	15.8	1094.0	890.2	12.2	11.7	50.0	6.0	-4.6	-3.9	295.9	320.9	9.8	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	17.3	1238.9	875.0	11.9	10.6	35.9	8.3	-4.9	-6.7	296.2	320.7	9.2	91.6	0.3	221.
1.3	19.7	1482.5	850.0	12.5	8.9	34.0	8.5	-4.8	-7.1	299.2	322.2	8.5	78.8	0.7	217.
2.2	22.2	1732.8	825.0	10.7	7.8	44.2	8.5	-5.9	-6.1	299.5	321.9	8.1	82.0	1.1	217.
2.9	24.7	1986.9	800.0	8.5	7.6	54.7	8.4	-6.5	-4.9	300.2	322.7	8.2	94.1	1.5	221.
3.7	27.2	2251.5	775.0	7.5	7.1	71.8	7.4	-7.0	-2.3	301.9	324.5	8.2	97.4	1.8	224.
4.5	29.7	2522.1	750.0	6.7	6.3	95.1	6.8	-6.8	0.6	303.9	326.2	8.0	97.3	2.1	230.
5.6	32.3	2800.5	725.0	5.0	4.5	100.0	4.7	-4.6	0.6	304.5	325.5	7.3	97.0	2.4	238.
6.7	35.0	3086.5	700.0	3.1	2.7	139.0	2.0	-1.3	1.6	307.2	324.0	6.7	96.7	2.6	241.
7.8	37.7	3381.0	675.0	1.4	0.4	243.3	3.5	3.1	1.6	307.2	324.0	5.9	93.6	2.4	241.
9.0	40.4	3684.3	650.0	-0.8	-1.6	264.1	5.6	5.6	0.6	308.0	323.2	5.3	94.8	2.1	239.
10.0	43.2	3997.2	625.0	-2.6	-4.8	277.0	8.0	8.0	-1.0	309.5	322.1	4.3	84.4	1.8	232.
11.0	46.0	4320.1	600.0	-5.2	-6.0	274.0	10.0	10.0	-0.7	310.1	322.2	4.1	94.6	1.5	216.
12.0	48.9	4633.6	575.0	-7.3	-8.5	253.5	10.6	10.2	3.0	311.5	322.0	3.5	90.6	1.2	190.
13.3	51.9	4999.6	550.0	-6.4	-9.2	225.5	9.1	6.5	6.3	314.1	324.6	3.5	94.4	0.9	151.
14.4	54.9	5358.5	525.0	-11.4	-32.3	206.8	7.0	3.2	6.3	314.6	316.4	0.5	15.8	0.8	113.
15.8	58.0	5732.6	500.0	-11.6	-57.3	206.8	5.3	2.4	4.6	318.9	319.0	0.0	1.0	0.9	81.
17.3	61.3	6122.9	475.0	-15.0	-59.4	215.9	9.6	5.6	7.8	319.4	319.5	0.0	1.0	1.4	63.
18.8	64.6	6529.0	450.0	-18.4	-61.6	211.3	13.8	7.2	11.8	320.1	320.2	0.0	1.0	2.4	51.
20.5	67.9	6953.6	425.0	-30.9	-63.2	209.4	15.3	7.5	13.3	322.2	323.3	0.0	1.0	3.9	42.
22.2	71.3	7398.5	400.0	-24.2	-65.4	208.2	15.8	7.4	13.9	323.5	323.5	0.0	1.0	5.5	38.
24.0	75.0	7864.8	375.0	-28.2	-68.0	211.9	14.8	7.8	12.6	324.3	324.3	0.0	1.0	7.1	36.
25.7	78.8	8355.3	350.0	-32.7	-70.9	211.8	12.9	6.8	11.0	324.7	324.7	0.0	1.0	8.5	36.
27.3	82.8	8872.0	325.0	-37.0	-73.8	196.4	12.0	3.4	11.5	325.6	325.7	0.0	1.0	9.7	35.
29.3	87.0	9420.9	300.0	-40.9	99.9	171.5	16.2	-2.4	16.0	327.7	99.9	99.9	99.9	10.8	31.
30.9	91.4	10007.2	275.0	-45.1	99.9	165.1	23.2	-6.0	22.4	329.9	99.9	99.9	99.9	12.3	24.
32.6	96.0	10638.9	250.0	-49.9	99.9	177.0	22.8	-1.2	22.7	331.9	99.9	99.9	99.9	14.6	18.
35.1	101.0	11318.4	225.0	-54.7	99.9	193.7	24.1	5.7	23.4	334.7	99.9	99.9	99.9	17.8	16.
38.3	106.2	12069.6	200.0	-56.7	99.9	203.6	30.2	12.1	27.7	342.9	99.9	99.9	99.9	23.1	17.
41.3	112.0	12911.1	175.0	-59.8	99.9	207.1	31.4	14.3	28.0	351.2	99.9	99.9	99.9	28.5	18.
44.7	118.2	13871.7	150.0	-58.3	99.9	233.2	23.0	20.0	15.0	369.7	99.9	99.9	99.9	34.5	22.
49.1	125.2	15013.2	125.0	-55.3	99.9	238.1	15.9	13.5	8.4	387.7	99.9	99.9	99.9	38.1	26.
53.9	133.3	16399.3	100.0	-50.8	99.9	267.8	14.0	13.9	0.5	410.3	99.9	99.9	99.9	41.7	30.
59.9	142.5	18166.9	75.0	-45.5	99.9	286.9	7.1	6.8	-2.1	435.6	99.9	99.9	99.9	43.0	35.
65.1	152.5	20667.4	50.0	-59.7	99.9	146.0	3.8	-2.1	3.1	502.6	99.9	99.9	99.9	43.1	36.
81.9	163.0	25122.6	25.0	-49.9	99.9	99.9	99.9	99.9	99.9	641.2	599.9	99.9	99.9	41.7	33.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
ANARILLO, TEXAS21 MAY 1979
1100 GMT

147 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.1	1094.0	890.5	12.8	11.7	120.0	4.1	-3.6	2.0	295.6	321.5	9.8	93.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	17.6	1242.1	875.0	12.7	12.3	102.2	2.6	-2.6	0.6	297.0	324.5	10.4	97.4	0.1	250.
1.5	20.0	1486.0	850.0	12.2	10.4	21.5	3.1	-1.1	-2.9	298.9	324.1	9.4	88.8	0.2	257.
2.4	22.5	1736.3	825.0	10.7	8.5	344.7	5.3	1.4	-5.1	299.9	323.0	8.5	86.8	0.3	204.
3.4	25.0	1992.3	800.0	8.8	7.1	327.5	8.4	4.5	-7.1	300.6	322.3	8.0	88.7	0.6	177.
4.6	27.6	2254.8	775.0	6.5	5.0	317.1	10.9	7.4	-8.0	300.8	320.3	7.1	90.3	1.3	158.
5.8	30.1	2523.5	750.0	4.6	3.6	318.4	11.7	7.7	-8.7	301.6	320.0	6.7	93.5	2.1	149.
6.9	32.8	2799.5	725.0	2.9	-0.8	326.3	11.9	6.6	-9.9	302.6	316.8	5.0	77.3	2.9	147.
8.2	35.4	3083.4	700.0	1.7	-2.7	339.6	11.8	4.1	-11.1	304.3	317.2	4.5	72.9	3.8	148.
10.2	38.1	3376.0	675.0	0.5	-3.6	7.6	9.1	-1.2	-9.0	306.3	318.6	4.3	73.5	4.9	154.
12.1	40.9	3679.0	650.0	-0.3	-3.6	49.4	7.8	-5.9	-5.1	308.6	321.8	4.5	78.5	5.5	161.
13.4	43.7	3992.7	625.0	-1.8	-4.8	82.5	9.7	-9.6	-1.3	310.4	323.1	4.3	79.6	5.6	168.
14.5	46.5	4316.9	600.0	-3.5	-7.0	99.8	10.4	-10.2	1.8	312.1	323.3	3.8	76.5	5.5	175.
15.8	49.4	4652.6	575.0	-5.6	-9.9	115.9	7.6	-6.8	3.3	313.4	323.0	3.1	71.9	5.2	183.
17.3	52.4	5000.3	550.0	-7.4	-12.0	139.2	5.9	-3.8	4.4	315.3	323.9	2.8	69.4	5.0	188.
18.9	55.5	5361.5	525.0	-9.6	-14.5	169.3	5.9	1.0	5.8	316.9	324.3	2.4	67.5	4.5	190.
21.1	58.6	5736.9	500.0	-11.8	-17.0	186.4	8.3	0.9	8.3	318.6	325.1	2.0	65.3	3.6	190.
23.0	61.8	6127.9	475.0	-15.3	-21.1	191.8	11.6	2.4	11.3	319.1	323.9	1.5	61.0	2.5	190.
25.6	65.1	6533.8	450.0	-19.3	-25.8	205.8	13.1	5.7	11.8	319.8	322.4	1.0	55.9	0.7	150.
27.6	68.4	6956.6	425.0	-22.7	-29.5	201.5	13.5	4.9	12.5	319.9	322.5	0.8	53.3	1.3	49.
30.1	72.0	7398.2	400.0	-26.3	-33.7	207.6	14.4	6.7	12.8	320.8	322.7	0.5	49.3	3.3	39.
32.3	75.6	7862.2	375.0	-29.7	-37.2	209.2	13.7	6.7	11.9	322.3	323.7	0.4	47.6	5.2	32.
35.2	79.3	8351.0	350.0	-33.1	-40.1	218.6	9.0	5.6	7.1	324.1	325.3	0.3	49.2	7.3	32.
37.8	83.2	8868.7	325.0	-36.6	-44.0	217.0	6.4	3.8	5.1	326.2	327.1	0.2	45.7	8.3	33.
40.1	87.3	9417.6	300.0	-41.6	-49.9	198.3	11.7	3.7	11.1	328.2	329.9	99.9	999.9	9.3	32.
42.0	91.5	10003.1	275.0	-45.1	-59.9	194.7	27.9	7.1	27.0	329.9	329.9	99.9	999.9	11.3	29.
44.1	96.0	10635.6	250.0	-48.3	-59.9	192.0	42.1	8.7	41.2	334.2	329.9	99.9	999.9	15.9	25.
46.4	100.8	11320.0	225.0	-54.6	-59.9	192.3	41.9	8.9	40.9	334.8	329.9	99.9	999.9	21.8	21.
50.1	106.0	12664.8	200.0	-58.0	-59.9	208.6	39.3	18.8	34.5	341.0	329.9	99.9	999.9	30.5	20.
54.3	111.5	13907.1	175.0	-58.4	-59.9	225.9	34.2	28.6	23.8	351.6	329.9	99.9	999.9	39.7	28.
58.3	117.5	15866.0	150.0	-56.4	-59.9	248.5	17.1	15.9	6.3	372.9	329.9	99.9	999.9	44.9	28.
63.4	124.0	15040.2	125.0	-56.4	-59.9	264.0	14.1	18.1	1.5	392.5	329.9	99.9	999.9	48.6	32.
70.2	131.7	16433.9	100.0	-61.4	-59.9	269.5	10.9	10.9	0.1	409.0	329.9	99.9	999.9	51.1	37.
78.1	140.3	18205.2	75.0	-64.4	-59.9	270.0	5.3	5.3	0.0	438.0	329.9	99.9	999.9	52.4	41.
88.7	150.3	20728.5	50.0	-57.1	-59.9	185.5	4.6	0.4	4.6	509.0	329.9	99.9	999.9	52.8	42.
106.1	161.0	25189.8	25.0	-50.3	-59.9	9.7	4.8	-0.8	-4.6	640.1	329.9	99.9	999.9	51.5	39.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 369
 ALBUQUERQUE, NEW MEXICO

 20 MAY 1979
 1155 GMT

TIME MIN	CNCT	HEIGHT GPA	PRES KB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	32.2	1319.0	102.9	15.6	1.7	150.0	2.6	-1.3	2.3	304.3	319.1	5.2	39.0	0.0	0.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	23.7	1659.9	825.0	15.2	3.6	200.0	5.5	1.9	5.1	306.6	323.5	6.0	45.8	0.1	119.
1.1	25.2	1950.4	800.0	14.4	2.9	190.0	5.2	1.3	5.1	306.6	323.5	5.9	45.8	0.3	157.
1.6	24.8	2229.3	775.0	13.4	1.2	172.4	4.8	-0.6	4.7	305.3	323.9	5.4	43.4	0.5	3.
2.7	31.4	2502.2	750.0	12.7	0.1	157.5	4.5	-1.8	4.3	310.4	325.4	5.1	41.7	0.7	153.
3.6	36.0	2732.7	725.0	10.5	-2.0	171.2	3.7	-0.4	3.7	311.0	324.4	4.6	41.5	0.9	351.
4.5	33.3	3078.9	700.0	8.3	-3.2	189.8	3.4	0.6	3.4	311.6	324.5	4.3	44.2	1.1	353.
5.3	31.5	3378.1	675.0	5.6	-4.8	198.2	4.2	1.3	4.0	311.9	323.8	4.0	47.2	1.3	356.
6.3	41.3	3685.5	650.0	2.9	-7.2	184.2	4.9	0.4	4.9	312.3	322.6	3.4	47.2	1.6	360.
7.3	45.1	4001.7	625.0	0.4	-9.9	159.7	6.3	-2.2	5.9	312.9	321.8	2.9	45.8	1.4	359.
8.3	43.0	4328.1	600.0	-1.1	-15.5	150.8	7.2	-2.8	6.6	314.9	320.9	1.9	32.3	2.3	354.
9.3	51.0	4645.7	575.0	-3.2	-14.7	155.4	7.2	-2.7	6.7	315.1	321.7	2.1	43.6	2.7	351.
10.5	59.1	5014.3	550.0	-7.1	-12.7	150.7	8.6	-3.4	7.9	315.7	323.8	2.6	64.4	3.2	349.
11.9	57.1	5376.9	525.0	-9.4	-15.0	157.7	12.5	-4.8	11.7	317.2	324.3	2.3	63.7	4.0	346.
13.0	60.4	5751.0	500.0	-12.3	-16.4	163.5	14.7	-3.4	14.3	317.4	324.1	2.1	74.7	5.0	345.
14.1	63.5	6142.7	475.0	-15.4	-17.7	170.3	14.0	-0.9	14.0	318.9	325.3	2.0	82.3	5.0	346.
15.3	67.0	6542.1	450.0	-18.1	-24.7	187.4	15.6	2.1	16.5	320.5	324.3	1.1	55.6	7.0	348.
16.6	70.4	6971.4	425.0	-21.8	-29.0	196.7	18.9	5.4	18.1	321.0	323.8	0.8	52.2	8.2	353.
17.9	73.0	7414.7	400.0	-25.4	-34.5	190.5	19.9	5.7	19.1	322.0	323.7	0.5	42.2	9.7	356.
19.4	77.7	7879.6	375.0	-29.3	-39.4	193.2	20.2	5.3	19.5	322.8	324.0	0.3	36.8	11.4	359.
21.0	81.5	8303.5	350.0	-33.1	-36.8	193.1	18.2	4.4	17.7	324.2	325.8	0.5	70.3	13.1	1.
22.5	85.7	8881.1	325.0	-37.6	-46.8	198.5	22.6	7.2	21.5	324.9	325.5	0.2	37.4	14.0	3.
23.5	89.7	9433.3	300.0	-41.9	-49.9	190.0	31.3	9.6	30.1	327.4	325.9	99.9	99.9	17.9	3.
25.6	94.2	10020.7	275.0	-44.3	-49.9	190.2	35.3	9.9	33.9	331.1	329.9	99.9	99.9	22.2	3.
27.9	98.8	10653.5	250.0	-48.5	-49.9	201.7	37.4	14.7	33.7	334.0	329.9	99.9	99.9	27.3	10.
31.4	103.8	11340.0	225.0	-52.4	-49.9	205.7	37.4	16.2	33.7	338.2	329.9	99.9	99.9	33.2	12.
33.9	108.0	12094.6	200.0	-56.2	-49.9	216.4	31.0	16.6	26.2	343.9	329.9	99.9	99.9	38.2	14.
36.0	114.8	12934.8	175.0	-61.0	-49.9	216.2	25.2	14.8	20.3	349.2	329.9	99.9	99.9	43.0	17.
39.9	121.2	13885.4	150.0	-62.3	-49.9	209.9	13.8	9.4	15.3	362.5	329.9	99.9	99.9	46.0	3.
43.5	123.0	15006.5	125.0	-61.4	-49.9	232.0	15.9	12.5	9.7	383.5	329.9	99.9	99.9	50.8	10.
49.0	136.0	16391.6	100.0	-60.5	-49.9	237.2	11.9	10.0	6.3	410.5	329.9	99.9	99.9	53.0	21.
53.6	145.0	18160.6	75.0	-64.2	-49.9	275.0	7.4	7.4	-0.5	439.3	329.9	99.9	99.9	55.4	24.
61.2	155.0	20654.3	50.0	-57.3	-49.9	303.2	3.2	2.7	-1.3	508.4	329.9	99.9	99.9	55.3	25.
73.0	165.5	25164.2	25.0	-49.5	-49.9	99.9	99.9	30.9	99.9	542.7	329.9	99.9	99.9	55.1	23.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

20 MAY 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	21.9	1619.0	834.6	15.6	2.4	220.0	3.1	2.0	2.4	304.1	319.6	5.5	41.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	22.9	1717.0	825.0	14.2	4.6	196.2	7.8	2.2	7.5	303.6	321.7	6.5	52.4	0.1	58.
1.3	25.4	1976.7	800.0	12.9	4.5	195.1	7.8	2.5	7.4	304.9	323.5	6.6	55.3	0.5	27.
2.3	28.0	2243.0	775.0	11.6	2.4	188.6	6.1	0.9	6.0	306.3	323.1	5.9	53.2	0.9	23.
3.5	30.6	2516.4	750.0	9.2	0.9	185.1	5.3	0.5	5.3	308.6	322.2	5.5	55.9	1.3	17.
4.8	33.2	2757.0	725.0	7.9	0.2	174.5	6.4	-0.6	6.3	308.1	323.6	5.4	58.5	1.7	14.
6.0	35.9	3085.8	700.0	5.9	-1.6	155.8	7.0	-2.9	6.4	309.2	323.2	4.9	58.6	2.1	7.
7.0	38.7	3382.5	675.0	3.2	-2.6	142.3	6.9	-4.2	5.5	309.3	323.0	4.7	65.8	2.4	1.
8.0	41.4	3687.3	650.0	0.5	-3.6	135.7	8.4	-5.9	6.0	309.5	322.7	4.5	74.0	2.8	35.
9.1	44.3	4001.3	625.0	-1.7	-4.8	123.9	9.2	-7.6	5.1	310.5	323.2	4.3	79.7	3.3	347.
10.4	47.2	4325.1	600.0	-4.4	-6.1	122.4	10.9	-9.2	5.8	311.0	323.0	4.1	88.1	3.8	339.
11.6	50.1	4659.5	575.0	-6.4	-7.7	129.2	13.0	-10.0	8.2	312.5	323.7	3.7	90.7	4.6	333.
13.0	53.1	5006.5	550.0	-8.3	-9.4	120.0	13.7	-8.8	10.5	314.3	324.6	3.4	91.1	5.7	329.
14.3	56.3	5366.0	525.0	-11.4	-12.2	132.6	14.7	-6.8	13.0	316.2	323.6	2.9	93.7	6.7	329.
15.4	59.4	5739.4	500.0	-13.7	-15.4	162.1	15.4	-4.7	14.7	316.4	323.7	2.3	87.0	7.8	330.
16.4	62.6	6127.3	475.0	-16.9	-19.9	169.1	16.1	-3.0	15.8	317.1	322.4	1.6	76.9	8.8	332.
17.8	66.0	6531.1	450.0	-19.9	-23.3	178.4	14.4	-0.4	14.4	318.2	322.8	1.4	80.7	9.9	334.
19.3	69.4	6953.5	425.0	-22.4	-26.0	178.5	16.0	-0.4	15.9	320.2	323.8	1.1	72.3	11.0	337.
20.6	72.9	7395.6	400.0	-25.8	-29.2	179.9	17.9	-0.0	17.9	321.4	324.3	0.8	73.0	12.3	340.
22.2	76.6	7860.1	375.0	-29.4	-33.3	181.6	20.1	0.6	20.1	322.7	324.8	0.6	68.8	14.1	342.
24.0	80.3	8348.7	350.0	-33.6	-37.8	175.0	20.0	-1.7	20.0	323.4	324.9	0.4	65.4	16.1	345.
25.5	84.3	8864.3	325.0	-38.0	-42.3	170.5	20.4	-3.4	20.1	324.3	325.4	0.3	63.6	17.9	345.
27.3	88.5	9410.5	300.0	-42.5	-46.5	176.9	26.3	-1.4	26.3	325.5	999.9	99.9	999.9	20.3	346.
29.8	92.8	9991.8	275.0	-47.5	-50.9	181.8	36.2	1.2	36.2	326.4	999.9	99.9	999.9	23.0	348.
30.8	97.4	10619.6	250.0	-49.8	-52.9	185.9	41.0	6.3	40.5	332.0	999.9	99.9	999.9	27.6	351.
33.2	102.2	11304.4	225.0	-52.6	-56.9	200.3	38.4	13.3	36.0	337.9	999.9	99.9	999.9	33.2	355.
35.8	107.5	12054.9	200.0	-57.3	-61.3	204.0	32.0	13.0	29.2	342.0	999.9	99.9	999.9	37.7	359.
38.1	113.0	12895.9	175.0	-59.2	-63.9	200.0	24.2	8.3	22.7	352.2	999.9	99.9	999.9	41.8	1.
41.1	119.2	13858.3	150.0	-60.0	-65.9	210.4	20.3	10.3	17.5	366.7	999.9	99.9	999.9	45.0	3.
44.5	125.7	15001.4	125.0	-61.6	-68.9	228.2	12.8	9.6	8.5	383.2	999.9	99.9	999.9	47.8	6.
49.0	133.3	16354.6	100.0	-60.0	-69.9	259.8	10.3	10.1	1.8	411.8	999.9	99.9	999.9	49.9	8.
54.6	141.7	18173.1	75.0	-61.4	-69.9	228.1	5.0	3.7	3.3	444.3	999.9	99.9	999.9	50.0	10.
62.7	151.0	20715.2	50.0	-55.7	-69.9	193.8	4.6	1.1	4.5	512.3	999.9	99.9	999.9	51.2	10.
75.4	161.0	25207.8	25.0	-48.5	-69.9	99.9	99.9	99.9	99.9	643.4	999.9	99.9	999.9	51.2	8.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
 ALBUQUERQUE, NEW MEXICO

 20 MAY 1979
 1745 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'T DG K	E POT 'T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	21.1	1619.0	835.7	11.7	8.4	90.0	7.2	-7.2	0.0	299.5	322.5	6.3	80.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	23.1	1727.0	825.0	11.2	6.4	97.0	13.1	-13.0	1.6	300.4	320.5	7.3	72.2	0.5	267.
1.4	25.7	1983.5	800.0	9.6	5.2	93.4	12.2	-12.2	0.7	301.4	319.7	7.0	74.3	1.2	271.
2.6	28.2	2247.1	775.0	7.9	3.0	102.9	7.7	-7.5	1.7	302.3	319.5	6.1	71.0	1.9	273.
3.9	30.8	2517.1	750.0	6.7	2.2	118.7	5.5	-4.7	2.7	303.9	320.8	6.0	73.2	2.4	276.
5.0	33.4	2794.7	725.0	4.0	0.9	138.9	5.5	-3.6	4.2	303.5	320.8	5.7	80.3	2.6	280.
6.0	36.1	3079.6	700.0	2.3	0.8	140.2	8.8	-5.6	6.8	305.1	321.6	5.8	89.7	3.0	285.
6.8	39.8	3373.0	675.0	0.7	-0.1	150.8	11.1	-5.4	9.7	306.5	322.6	5.7	94.3	3.4	290.
7.8	41.6	3675.9	650.0	-0.8	-1.8	159.1	12.2	-4.3	11.4	308.1	323.0	5.2	92.8	3.8	293.
9.3	44.3	3988.7	625.0	-2.3	-5.3	157.6	15.9	-6.1	14.7	309.2	321.9	4.1	79.9	4.9	307.
11.2	47.1	4311.6	600.0	-4.9	-7.2	162.8	18.4	-5.4	17.6	310.2	321.5	3.7	83.5	6.7	316.
13.0	50.1	4645.5	575.0	-7.1	-7.9	165.3	19.0	-4.8	18.4	311.7	322.7	3.7	93.6	8.5	323.
14.6	53.1	4991.6	550.0	-8.7	-9.5	145.0	16.4	-9.4	13.4	313.2	324.0	3.4	94.1	10.2	326.
16.2	56.2	5351.8	525.0	-10.1	-11.1	124.5	16.9	-9.8	6.7	316.3	325.9	3.1	92.0	11.5	325.
17.6	59.3	5726.9	500.0	-12.4	-13.6	114.1	11.0	-10.1	4.5	317.9	326.3	2.7	90.8	12.3	323.
19.0	62.6	6117.4	475.0	-15.0	-16.4	117.4	12.5	-11.1	5.7	319.4	326.5	2.2	89.3	13.2	321.
20.5	65.9	6524.4	450.0	-17.9	-19.6	118.4	13.1	-11.5	6.2	320.7	326.5	1.8	86.7	14.3	319.
21.9	69.3	6950.0	425.0	-21.0	-23.0	122.5	13.3	-11.2	7.1	322.1	326.8	1.4	83.4	15.4	318.
23.5	72.7	7395.5	400.0	-24.2	-26.6	126.1	12.3	-9.9	7.2	323.6	327.2	1.1	80.6	16.3	317.
24.9	76.3	7863.0	375.0	-27.8	-30.8	128.4	14.4	-11.2	8.9	324.2	327.5	0.8	75.3	17.6	316.
26.6	81.1	8355.1	350.0	-31.8	-34.9	128.0	13.9	-11.0	8.6	325.9	327.8	0.6	73.5	18.9	316.
28.4	84.0	8873.7	325.0	-36.7	-41.8	130.1	16.6	-12.7	10.7	326.1	327.2	0.3	58.7	20.6	315.
30.3	89.0	9423.5	300.0	-40.8	-46.3	138.1	14.6	-9.8	10.9	327.9	327.9	99.9	999.9	22.4	315.
32.8	92.3	10009.2	275.0	-46.3	-52.1	147.6	16.7	-8.9	14.1	328.1	328.1	99.9	999.9	24.5	316.
34.8	96.8	10634.2	250.0	-52.1	-59.9	159.5	20.5	-7.2	19.2	328.7	328.7	99.9	999.9	26.6	317.
37.3	101.6	11311.3	225.0	-55.3	-64.9	179.7	34.9	-0.2	34.9	333.8	333.8	99.9	999.9	30.1	322.
40.1	106.8	12057.9	200.0	-57.5	-69.9	182.0	33.2	1.2	33.2	341.2	341.2	99.9	999.9	34.9	328.
43.4	112.2	12967.4	175.0	-53.2	-69.9	193.0	28.1	5.9	25.4	362.1	362.1	99.9	999.9	39.7	333.
46.6	118.2	13897.1	150.0	-56.6	-69.9	220.8	15.2	9.9	11.5	372.6	372.6	99.9	999.9	41.8	337.
50.1	125.0	15046.9	125.0	-60.1	-69.9	216.0	11.9	7.0	9.6	386.2	386.2	99.9	999.9	43.2	340.
54.6	132.7	16443.6	100.0	-59.8	-69.9	242.9	11.1	9.9	5.0	412.2	412.2	99.9	999.9	44.4	344.
60.2	141.3	18223.5	75.0	-62.5	-69.9	263.3	4.0	4.0	0.5	441.9	441.9	99.9	999.9	44.6	347.
67.3	151.0	20742.1	50.0	-56.3	-59.9	170.1	3.5	-0.6	3.4	510.2	510.2	99.9	999.9	45.3	347.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

20 MAY 1979
2005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.6	1619.0	833.8	15.6	10.2	340.0	5.1	1.7	-4.8	304.2	330.1	9.4	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	23.6	1708.6	825.0	12.7	8.0	999.9	99.9	99.9	99.9	302.1	324.6	8.2	72.9	99.9	99.9
1.3	26.1	1967.1	800.0	12.1	5.5	999.9	99.9	99.9	99.9	304.1	324.0	7.1	64.0	99.9	99.9
2.3	28.7	2232.8	775.0	10.1	3.7	138.7	1.2	-0.8	0.9	304.7	322.9	6.5	64.3	0.4	148.
3.2	31.2	2505.0	750.0	8.6	2.2	75.0	3.5	-3.4	-0.8	305.9	323.0	6.0	64.2	0.3	166.
4.2	31.9	2784.6	725.0	6.5	1.3	75.8	6.0	-5.8	-1.5	306.6	323.2	5.8	69.6	0.5	205.
5.2	36.6	3071.9	700.0	3.9	1.8	81.3	7.9	-7.9	-0.4	308.8	324.7	6.3	86.6	0.8	231.
6.3	39.3	3367.1	675.0	2.2	2.2	105.1	11.0	-10.6	2.9	308.2	327.2	6.7	100.0	1.3	251.
7.3	42.0	3671.7	650.0	0.5	0.5	125.3	12.4	-10.1	7.2	309.6	327.2	6.1	99.6	1.9	266.
8.6	44.9	3984.9	625.0	-2.7	-4.3	135.1	12.7	-8.3	9.6	309.3	322.4	4.5	88.9	2.6	282.
9.6	47.8	4307.9	600.0	-5.0	-6.8	144.2	13.0	-7.6	10.5	310.3	321.7	3.8	87.1	3.3	291.
10.8	50.7	4641.5	575.0	-7.3	-8.3	148.5	13.7	-7.9	11.1	311.4	322.1	3.6	92.8	4.1	299.
11.9	53.6	4987.2	550.0	-9.2	-9.8	157.3	14.8	-10.1	10.9	313.2	323.3	3.3	95.3	5.0	303.
13.2	56.8	5345.6	525.0	-12.0	-15.8	162.6	15.8	-12.4	11.4	314.0	320.7	2.1	73.3	6.2	305.
14.6	59.9	5717.6	500.0	-14.3	-22.7	133.3	15.0	-10.9	10.3	315.6	319.6	1.2	48.6	7.5	307.
15.9	63.1	6104.7	475.0	-16.8	-35.4	124.9	13.8	-11.3	7.9	317.2	318.5	0.4	18.3	8.6	307.
17.3	66.4	6509.1	450.0	-18.4	-52.3	102.4	14.6	-13.8	4.6	320.1	320.4	0.1	4.1	9.8	306.
18.7	69.9	6934.3	425.0	-20.5	-40.5	97.4	12.5	-12.4	1.6	322.7	323.7	0.3	14.6	10.9	303.
20.2	73.3	7379.3	400.0	-24.6	-33.4	105.1	12.7	-12.3	3.3	323.0	325.0	0.6	43.6	11.9	301.
21.7	76.9	7845.7	375.0	-28.3	-35.3	126.5	17.1	-13.7	10.2	324.1	325.9	0.5	50.7	13.1	301.
23.3	80.7	8336.9	350.0	-32.1	-39.1	134.0	19.9	-14.3	13.8	325.4	326.7	0.4	49.5	14.9	302.
24.7	84.5	8856.1	325.0	-36.1	-43.1	139.1	18.3	-12.7	13.5	327.7	327.9	0.3	48.3	16.5	303.
26.3	88.7	9406.1	300.0	-40.9	-46.2	138.3	20.9	-13.9	15.6	328.3	328.3	99.9	99.9	18.1	305.
27.8	92.8	9991.6	275.0	-46.2	-49.9	139.1	23.4	-15.3	17.7	328.7	328.7	99.9	99.9	19.9	306.
29.6	97.3	10617.1	250.0	-52.0	-52.0	99.9	22.7	-10.9	19.9	330.7	330.7	99.9	99.9	22.3	307.
32.0	102.2	11290.7	225.0	-57.3	-57.3	151.2	22.7	-2.3	17.9	330.7	330.7	99.9	99.9	25.4	309.
34.5	107.2	12042.0	200.0	-52.9	-52.9	99.9	17.7	0.6	13.7	339.0	339.0	99.9	99.9	28.3	313.
37.3	112.7	12903.8	175.0	-55.0	-55.0	182.4	13.7	0.6	13.7	359.1	359.1	99.9	99.9	30.0	316.
40.4	118.7	13689.8	150.0	-55.2	-55.2	99.9	202.5	3.8	9.2	374.9	374.9	99.9	99.9	31.4	319.
44.0	125.5	15048.1	125.0	-58.7	-58.7	99.9	224.3	7.4	8.2	388.7	388.7	99.9	99.9	32.1	322.
48.4	133.0	16439.7	100.0	-60.5	-60.5	99.9	239.2	10.5	5.0	410.9	410.9	99.9	99.9	32.9	328.
53.8	141.7	18213.7	75.0	-63.1	-63.1	99.9	239.2	6.5	3.9	440.6	440.6	99.9	99.9	31.9	334.
60.9	151.7	20756.9	50.0	-58.4	-58.4	99.9	304.3	3.6	-2.5	505.9	505.9	99.9	99.9	32.0	334.
72.4	162.5	25231.9	25.0	-48.9	-48.9	99.9	264.8	5.0	0.3	644.4	644.4	99.9	99.9	33.1	335.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
 ALBUQUERQUE, NEW MEXICO

 20 MAY 1979
 2305 GMT

142 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.4	1619.0	836.0	-2.9	7.4	215.0	4.6	2.6	3.8	296.8	317.7	7.7	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	21.4	1729.1	825.0	8.8	6.1	274.3	3.5	3.5	-0.3	297.9	317.5	7.2	83.3	0.1	39.
1.2	23.6	1983.5	800.0	7.2	5.0	239.3	4.3	3.7	2.2	298.6	317.6	6.9	86.1	0.2	63.
2.1	26.0	2244.1	775.0	5.0	2.5	219.4	5.3	3.4	4.1	299.2	315.6	5.9	83.6	0.5	50.
3.0	28.3	2511.6	750.0	3.4	1.6	210.6	6.0	3.1	5.2	300.3	316.3	5.8	80.0	0.8	46.
3.9	30.6	2765.4	725.0	1.5	0.9	184.8	5.8	3.5	5.7	301.2	316.9	5.7	95.6	1.1	38.
4.8	33.0	3068.8	700.0	0.1	-0.4	144.0	5.6	-3.1	4.6	302.6	317.7	5.3	96.6	1.3	29.
5.9	35.5	3360.2	675.0	-1.2	-1.7	110.3	5.9	-5.5	2.0	303.3	318.6	5.0	96.5	1.4	14.
7.1	37.9	3661.3	650.0	-1.8	-2.2	126.9	5.9	-4.7	3.6	307.0	321.4	5.0	96.7	1.5	357.
8.3	40.5	3973.3	625.0	-3.1	-3.6	162.6	5.9	-3.6	4.7	308.5	322.7	4.7	96.5	1.8	349.
9.4	43.1	4256.0	600.0	-4.6	-5.1	156.6	7.6	-3.0	7.0	310.6	323.7	4.4	96.1	2.3	345.
10.5	45.8	4630.9	575.0	-6.1	-6.6	150.7	10.0	-4.9	8.7	312.9	325.0	4.1	95.7	2.8	344.
11.6	48.4	4978.2	550.0	-8.1	-8.7	141.1	10.3	-6.5	8.0	314.5	325.5	3.6	95.4	3.5	340.
12.8	51.2	5338.7	525.0	-10.1	-10.9	140.1	8.6	-5.5	6.6	316.3	326.0	3.2	94.4	4.1	337.
14.1	54.1	5713.3	500.0	-12.6	-13.5	130.7	7.8	-5.9	5.1	317.6	326.1	2.7	93.4	4.7	334.
15.3	57.0	6103.5	475.0	-15.2	-16.3	130.6	10.5	-8.0	6.6	319.2	326.3	2.2	90.9	5.3	331.
16.9	60.0	6509.4	450.0	-18.8	-20.8	128.8	13.6	-10.6	8.6	319.7	324.9	1.6	83.5	6.4	328.
18.7	63.1	6933.4	425.0	-21.9	-24.6	123.2	14.5	-12.2	8.0	321.0	325.0	1.2	78.1	7.8	324.
20.2	66.3	7377.2	400.0	-25.0	-28.1	118.7	16.2	-14.2	7.8	322.5	325.6	0.9	75.4	9.2	320.
21.8	69.6	7843.5	375.0	-28.1	-31.5	105.5	14.6	-14.0	3.9	324.4	326.9	0.7	72.0	10.5	317.
23.4	72.9	8335.2	350.0	-31.6	-35.5	87.1	11.5	-11.5	-0.6	326.1	328.0	0.5	67.9	11.6	312.
25.0	76.4	8855.0	325.0	-36.0	-40.0	71.2	11.2	-10.6	-3.6	327.1	328.4	0.4	66.2	12.2	309.
26.7	80.2	9406.0	300.0	-40.1	-44.8	66.0	16.9	-15.7	-6.3	328.5	329.9	99.9	99.9	12.8	303.
28.4	84.0	9993.7	275.0	-44.8	-49.9	69.3	21.7	-20.3	-7.7	330.3	329.9	99.9	99.9	14.2	296.
30.2	88.2	10622.6	250.0	-50.6	-55.6	68.7	23.5	-21.9	-8.5	330.5	329.9	99.9	99.9	15.9	290.
32.3	92.5	11301.3	225.0	-55.6	-60.9	83.0	22.3	-22.1	-2.7	333.3	329.9	99.9	99.9	18.3	284.
34.4	97.0	12052.4	200.0	-54.8	-59.9	159.5	14.9	-7.6	12.8	336.0	329.9	99.9	99.9	20.5	285.
37.2	102.0	12913.9	175.0	-53.8	-59.9	185.1	10.4	0.9	10.3	361.0	329.9	99.9	99.9	21.0	290.
40.1	107.4	13908.7	150.0	-53.7	-59.9	209.8	11.0	5.5	9.6	377.6	329.9	99.9	99.9	21.2	295.
43.9	113.2	15071.2	125.0	-57.2	-59.9	232.9	13.0	10.4	7.9	391.5	329.9	99.9	99.9	20.8	302.
48.4	120.0	16475.3	100.0	-59.0	-59.9	270.1	7.5	7.5	-0.0	413.8	329.9	99.9	99.9	18.6	308.
53.8	128.0	18222.9	75.0	-63.4	-59.9	253.4	5.7	5.5	1.6	439.9	329.9	99.9	99.9	17.6	312.
61.2	139.0	20779.6	50.0	-55.8	-59.9	236.8	3.7	3.1	2.0	511.9	329.9	99.9	99.9	17.2	317.
72.5	151.5	25249.6	25.0	-45.8	-59.9	99.9	99.9	99.9	99.9	641.7	329.9	99.9	99.9	17.5	316.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
 ALBUQUERQUE, NEW MEXICO

 21 MAY 1979
 205 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.5	1619.0	837.3	10.6	5.6	200.0	3.1	1.1	2.9	298.2	317.2	6.8	71.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	22.7	1742.3	825.0	9.2	6.9	55.2	4.9	-4.0	-2.8	298.3	319.0	7.6	85.7	0.1	190.
1.5	25.2	1996.9	800.0	7.3	4.7	22.7	3.5	-1.3	-3.2	298.5	317.3	6.7	83.2	0.4	197.
2.5	27.7	2258.3	775.0	5.8	4.2	22.7	1.1	-0.4	-1.0	300.1	318.6	6.7	89.4	0.5	199.
3.3	30.2	2526.5	750.0	4.3	3.3	85.0	1.1	-1.1	-0.1	301.2	319.3	6.5	93.6	0.5	199.
4.3	32.9	2802.7	725.0	3.8	1.0	191.9	2.9	0.6	2.8	303.6	319.8	5.7	82.1	0.5	205.
5.2	35.5	3087.3	700.0	1.8	-0.3	206.4	4.1	1.8	3.7	304.5	319.7	5.4	85.8	0.2	201.
6.2	38.2	3380.1	675.0	-0.2	-1.1	101.7	4.2	-4.1	0.9	305.4	320.4	5.2	93.6	0.0	218.
7.0	40.9	3681.5	650.0	-2.0	-2.7	144.3	11.7	-6.8	9.5	306.8	320.7	4.8	94.6	0.5	219.
7.9	43.8	3993.3	625.0	-3.1	-3.9	184.1	15.9	1.1	15.8	308.5	322.3	4.6	94.3	0.9	2.
8.9	46.6	4314.9	600.0	-6.9	-12.6	166.1	12.0	-2.9	11.6	308.2	315.7	2.5	65.3	1.6	357.
10.1	49.6	4645.8	575.0	-9.0	-21.4	166.0	11.2	-2.6	10.9	309.5	313.3	1.2	35.5	2.5	353.
11.2	52.5	4988.6	550.0	-10.9	-18.2	169.1	9.7	-1.8	9.6	311.2	316.4	1.6	54.4	3.1	352.
12.3	55.6	5345.1	525.0	-12.7	-20.9	156.3	7.1	-2.9	6.5	313.1	317.5	1.4	50.4	3.7	351.
13.4	58.8	5716.4	500.0	-14.1	-21.3	116.9	7.6	-6.8	3.4	315.8	320.3	1.4	54.4	4.1	348.
14.9	62.0	6104.5	475.0	-16.1	-19.1	95.2	10.2	-10.2	0.9	319.7	324.3	1.8	76.9	4.8	329.
16.1	65.3	6510.0	450.0	-18.7	-22.5	94.9	11.7	-11.7	1.0	319.7	324.3	1.4	72.6	4.8	329.
17.6	68.7	6933.9	425.0	-21.4	-29.0	91.6	13.4	-13.4	0.4	321.5	324.3	0.8	50.3	5.5	320.
19.0	72.3	7378.2	400.0	-24.9	-44.8	84.9	15.0	-15.0	-1.3	322.7	323.3	0.2	13.7	6.4	311.
20.4	75.9	7843.9	375.0	-28.8	-40.2	78.5	16.5	-16.1	-3.3	323.4	324.5	0.3	32.1	7.3	303.
21.9	79.7	8334.4	350.0	-31.6	-37.8	74.4	22.4	-21.6	-6.0	326.2	327.7	0.4	53.6	8.5	295.
23.6	83.7	8855.2	325.0	-35.3	-31.7	64.4	26.4	-23.9	-11.4	328.1	329.2	0.3	51.6	10.4	285.
25.3	87.8	9407.1	300.0	-40.0	99.9	62.3	27.8	-24.6	-13.0	328.9	329.9	99.9	999.9	12.7	276.
27.1	92.2	9994.6	275.0	-43.5	99.9	62.2	26.7	-23.6	-12.4	329.4	329.9	99.9	999.9	15.2	270.
29.3	96.7	10622.9	250.0	-50.5	99.9	70.1	28.4	-26.7	-9.7	331.0	329.9	99.9	999.9	18.5	265.
31.6	101.6	11305.6	225.0	-52.3	99.9	68.3	19.7	-19.7	-0.6	338.4	329.9	99.9	999.9	22.1	264.
34.0	106.8	12064.6	200.0	-53.1	99.9	136.3	10.1	-7.0	7.3	338.6	329.9	99.9	999.9	24.0	265.
36.9	112.5	12928.6	175.0	-53.2	99.9	191.3	6.5	1.3	6.4	332.2	329.9	99.9	999.9	24.2	268.
40.2	118.7	13926.5	150.0	-52.8	99.9	230.5	6.8	5.2	4.3	339.0	329.9	99.9	999.9	23.4	270.
43.8	125.3	15094.4	125.0	-56.5	99.9	242.7	6.4	7.5	3.8	332.7	329.9	99.9	999.9	22.2	273.
48.2	131.0	16491.5	100.0	-60.2	99.9	247.3	8.1	7.4	3.1	411.5	329.9	99.9	999.9	20.2	275.
53.5	141.3	18258.5	75.0	-63.7	99.9	271.8	7.4	7.4	-0.2	439.5	329.9	99.9	999.9	18.2	280.
61.4	151.0	20784.1	50.0	-57.4	99.9	183.0	4.5	0.2	4.5	508.1	329.9	99.9	999.9	17.5	281.
73.1	160.7	25250.1	25.0	-51.0	99.9	100.8	6.3	-6.2	1.2	638.8	329.9	99.9	999.9	19.7	276.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
 ALBUQUERQUE, NEW MEXICO

 21 MAY 1979
 505 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.6	1619.0	638.3	8.9	5.1	200.0	1.5	0.5	1.4	296.7	314.6	6.6	77.0	145	15.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	0.0
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	0.0
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	0.0
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	0.0
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	0.0
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	0.0
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	0.0
0.4	22.8	1751.3	825.0	7.3	6.3	999.9	99.9	99.9	99.9	296.8	314.3	7.3	93.8	999.9	999.9
1.3	25.3	2004.2	800.0	5.3	4.1	999.9	99.9	99.9	99.9	296.8	314.3	6.5	92.3	999.9	999.9
2.4	27.9	2263.4	775.0	3.7	3.1	75.8	1.0	-0.9	-0.2	297.8	314.9	6.2	95.9	0.2	208.
3.4	30.4	2529.4	750.0	1.9	1.4	177.1	0.8	-0.0	0.8	298.7	314.4	5.7	96.6	0.2	212.
4.3	33.0	2802.6	725.0	0.4	-0.2	116.6	1.4	-1.3	0.6	299.5	314.5	5.2	96.3	0.2	225.
5.5	35.7	3084.2	700.0	-0.6	-3.1	125.3	3.0	-2.4	1.7	301.9	314.2	4.3	82.7	0.3	249.
6.5	38.3	3374.8	675.0	-1.4	-9.1	149.3	3.6	-1.8	3.1	304.1	312.5	2.9	55.6	0.4	280.
7.6	41.1	3674.7	650.0	-3.2	-11.2	121.2	5.8	-5.0	3.0	305.3	312.8	2.5	54.1	0.6	294.
8.8	43.9	3963.8	625.0	-5.2	-15.1	127.3	7.5	-5.9	4.5	306.5	312.3	1.9	45.9	1.1	297.
10.0	46.8	4303.8	600.0	-6.6	-17.5	138.4	9.7	-6.4	7.2	308.2	310.7	0.7	17.0	1.7	303.
11.2	49.6	4634.6	575.0	-9.3	-25.1	140.8	13.0	-8.2	10.1	309.1	311.9	0.9	26.3	2.5	309.
12.5	52.6	4976.7	550.0	-11.7	-33.1	137.1	16.8	-11.5	12.3	310.2	313.7	1.1	37.9	3.7	312.
13.8	55.6	5331.4	525.0	-14.2	-40.9	127.6	16.4	-13.0	10.0	311.3	314.2	0.9	36.1	5.1	313.
15.3	58.9	5659.8	500.0	-16.5	-48.8	106.7	15.0	-14.4	4.3	312.9	316.9	0.6	17.1	6.3	310.
16.7	62.0	6084.3	475.0	-18.7	-56.8	92.8	16.6	-16.6	0.8	314.9	316.9	0.6	31.5	7.5	304.
18.4	65.4	6484.7	450.0	-22.2	-64.9	87.7	18.5	-18.5	-0.7	315.4	318.8	0.8	54.3	8.9	298.
20.0	68.8	6904.2	425.0	-23.1	-70.0	76.5	22.8	-22.1	-5.3	319.4	321.9	0.7	52.8	10.7	292.
21.5	72.3	7345.4	400.0	-26.6	-81.0	62.7	23.1	-20.5	-10.6	320.4	322.9	0.7	66.1	12.3	285.
23.0	75.9	7808.8	375.0	-29.6	-94.8	62.6	25.3	-22.4	-11.6	322.4	324.2	0.5	60.4	14.0	279.
24.8	79.7	8298.5	350.0	-32.3	-107.8	56.6	28.3	-23.6	-15.6	325.2	326.7	0.4	57.4	16.3	273.
26.7	83.6	8816.8	325.0	-36.6	-121.3	53.0	30.6	-24.4	-18.4	326.3	327.4	0.3	61.1	18.9	266.
28.6	87.7	9366.7	300.0	-40.9	-135.9	54.3	34.5	-28.1	-20.1	327.7	327.9	99.9	99.9	22.1	261.
30.5	92.0	9951.2	275.0	-46.3	-151.9	51.6	36.1	-28.3	-22.4	328.2	328.2	99.9	99.9	25.8	257.
32.7	96.6	10577.3	250.0	-51.2	-167.9	62.9	30.4	-27.0	-13.8	330.0	329.9	99.9	99.9	30.1	254.
35.0	101.4	11261.3	225.0	-51.9	-183.9	86.5	15.5	-15.5	-1.0	339.0	329.9	99.9	99.9	33.2	254.
37.7	106.6	12023.5	200.0	-51.9	-199.9	79.3	5.9	-5.8	-1.1	350.4	329.9	99.9	99.9	34.6	254.
41.0	112.2	12887.4	175.0	-52.8	-215.9	164.8	5.1	-1.3	4.9	362.7	329.9	99.9	99.9	35.2	255.
44.3	118.2	13877.7	150.0	-55.0	-231.9	240.4	4.7	4.1	2.3	375.3	329.9	99.9	99.9	34.3	256.
48.5	125.0	15036.8	125.0	-57.6	-247.9	291.9	9.3	8.5	3.9	390.6	329.9	99.9	99.9	32.8	256.
53.2	132.7	16438.4	100.0	-60.6	-263.9	291.9	9.2	8.1	4.3	410.6	329.9	99.9	99.9	30.2	257.
59.0	141.0	18204.3	75.0	-63.1	-279.9	293.9	7.9	7.2	-3.2	440.6	329.9	99.9	99.9	26.8	259.
67.4	150.7	20719.5	50.0	-52.8	-295.9	319.0	3.8	2.5	-2.9	505.1	329.9	99.9	99.9	26.6	258.
81.3	161.0	25169.4	25.0	-51.3	-311.9	158.8	3.6	-1.3	3.4	637.2	329.9	99.9	99.9	30.0	260.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

21 MAY 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.8	1619.0	237.4	7.8	5.6	360.0	0.0	0.0	0.0	295.6	314.0	6.8	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	23.0	1742.2	825.0	7.5	5.6	999.9	99.9	99.9	99.9	296.5	315.4	7.0	88.0	999.9	99.9
1.2	25.5	1995.6	800.0	5.9	3.0	999.9	99.9	99.9	99.9	297.5	313.9	6.0	81.5	999.9	99.9
2.0	28.0	2255.3	775.0	4.6	3.7	999.9	99.9	99.9	99.9	298.7	316.5	6.5	93.9	999.9	99.9
2.9	30.6	2422.8	750.0	4.3	1.6	71.7	3.0	-2.8	-0.9	301.3	317.3	5.8	82.8	0.2	208.
3.9	33.2	2798.9	725.0	3.6	-4.5	78.4	5.3	-3.2	-0.7	303.5	314.4	3.8	54.9	0.4	234.
4.8	35.9	3082.6	700.0	1.2	-7.7	81.3	2.1	-2.1	-0.3	303.8	312.8	3.1	51.2	0.5	239.
5.9	39.7	3374.2	675.0	-1.4	-9.2	97.3	2.5	-2.4	0.3	304.1	312.4	2.8	55.1	0.6	247.
6.9	41.4	3673.6	650.0	-4.2	-10.9	95.3	2.8	-2.8	0.3	304.2	311.8	2.6	59.7	0.8	253.
8.0	44.2	3981.8	625.0	-5.8	-16.2	100.7	3.8	-3.8	0.7	305.6	311.1	1.7	43.7	1.0	257.
9.0	47.1	4300.6	600.0	-7.6	-22.5	123.7	4.6	-3.8	2.6	307.4	310.8	1.1	29.8	1.2	265.
10.0	50.0	4631.7	575.0	-9.1	-27.3	121.1	6.6	-5.7	3.4	310.4	312.7	0.7	19.7	1.5	273.
11.2	53.0	4975.9	550.0	-9.1	-34.1	111.3	10.2	-9.5	3.7	313.2	314.6	0.4	11.0	2.0	279.
12.4	56.1	5334.1	525.0	-11.9	-36.0	104.6	13.1	-12.7	3.3	314.1	315.3	0.3	11.4	2.9	282.
13.7	59.3	5705.6	500.0	-14.6	-36.0	99.8	13.7	-13.5	2.3	315.2	316.4	0.3	14.1	3.9	282.
15.1	62.6	6091.9	475.0	-17.7	-39.0	89.9	14.7	-14.7	-0.0	316.0	317.0	0.3	13.5	5.1	281.
16.6	65.9	6494.1	450.0	-20.8	-42.0	77.3	17.6	-17.1	-3.9	317.2	319.5	0.2	12.8	6.4	277.
18.0	69.3	6914.4	425.0	-23.7	-41.3	69.5	21.7	-20.3	-7.6	318.4	319.5	0.2	18.8	8.0	272.
19.7	72.9	7355.0	400.0	-26.2	-35.2	66.3	24.9	-22.8	-10.0	321.0	322.6	0.5	41.9	10.2	266.
21.4	76.5	7818.8	375.0	-28.9	-35.4	62.2	28.5	-25.2	-13.3	322.0	323.8	0.5	58.3	12.7	262.
22.8	80.3	8307.3	350.0	-33.2	-35.4	58.9	31.0	-26.5	-16.0	324.0	325.8	0.5	80.5	15.1	258.
24.3	84.3	8823.1	325.0	-38.0	-40.4	59.9	30.2	-26.1	-15.1	324.3	325.6	0.3	77.7	17.8	255.
26.0	88.3	9365.2	300.0	-42.3	99.9	62.6	30.3	-26.9	-13.9	325.7	325.9	99.9	99.9	20.7	253.
27.8	92.7	9850.3	275.0	-47.9	99.9	64.3	32.4	-29.2	-14.1	325.9	325.9	99.9	99.9	24.0	252.
30.3	97.2	10372.7	250.0	-49.9	99.9	57.8	25.8	-21.8	-13.7	331.9	329.9	99.9	99.9	28.2	251.
32.2	102.0	11260.1	225.0	-52.8	99.9	39.6	19.5	-12.4	-15.0	337.6	329.9	99.9	99.9	30.7	249.
35.0	107.3	12021.1	200.0	-50.6	99.9	49.9	10.9	-8.3	-7.0	352.7	329.9	99.9	99.9	33.2	246.
38.0	113.0	12887.3	175.0	-53.3	99.9	10.7	5.3	-1.0	-5.4	352.0	329.9	99.9	99.9	34.1	246.
41.5	119.0	13876.3	150.0	-55.1	99.9	278.5	5.9	5.9	-0.9	375.2	329.9	99.9	99.9	33.8	243.
45.3	125.7	15031.4	125.0	-59.1	99.9	269.0	8.5	8.9	0.2	388.0	329.9	99.9	99.9	32.0	243.
50.4	131.3	16422.1	100.0	-62.0	99.9	252.7	11.1	10.6	3.3	408.0	329.9	99.9	99.9	29.5	242.
56.8	142.0	18184.8	75.0	-62.9	99.9	266.3	5.7	5.7	0.4	411.0	329.9	99.9	99.9	27.0	238.
65.3	152.0	20715.2	50.0	-57.3	99.9	198.2	3.7	1.2	3.6	508.5	329.9	99.9	99.9	27.0	240.
77.5	162.3	25201.9	25.0	-49.3	99.9	99.9	99.9	99.9	99.9	643.4	329.9	99.9	99.9	28.3	241.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS

20 MAY 1979
1100 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	175.0	992.1	16.1	14.3	110.0	2.6	-2.4	0.9	289.9	316.7	10.4	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	9.0	323.8	975.0	18.5	13.3	134.8	5.4	-3.9	3.8	293.8	319.9	9.9	71.6	0.1	291.
1.3	11.3	547.4	950.0	19.0	10.4	171.8	5.8	-0.8	5.7	296.4	318.9	8.4	58.4	0.3	316.
2.3	13.7	778.6	925.0	18.3	10.0	200.8	8.0	2.8	7.5	298.0	320.7	8.4	58.4	0.7	347.
3.1	16.1	1010.9	900.0	16.8	8.9	195.4	9.0	2.4	8.7	298.9	320.6	8.0	59.5	1.1	0.
4.1	18.5	1251.0	875.0	15.7	8.2	188.5	9.4	1.4	9.3	300.1	321.2	7.8	61.1	1.6	4.
5.2	21.0	1456.3	850.0	13.9	7.1	189.4	9.5	1.6	9.4	300.7	321.2	7.5	63.7	2.2	5.
6.2	23.4	1748.1	825.0	12.8	5.8	187.8	7.7	1.0	7.6	302.2	321.7	7.1	62.2	2.7	6.
7.2	25.9	2008.2	800.0	11.2	4.0	195.1	4.3	1.1	4.1	303.1	321.1	6.4	61.1	3.1	6.
8.3	29.5	2270.9	775.0	9.4	3.2	171.1	2.5	-0.4	2.5	303.9	321.5	6.2	65.1	3.3	7.
9.3	31.0	2542.2	750.0	7.7	1.3	999.9	99.9	99.9	99.9	304.9	320.9	5.6	64.1	999.9	999.9
10.3	33.7	2821.2	725.0	5.8	1.6	999.9	99.9	99.9	99.9	305.8	322.7	6.0	74.6	999.9	999.9
11.3	36.3	3107.7	700.0	3.5	1.2	999.9	99.9	99.9	99.9	306.4	323.5	6.0	84.9	999.9	999.9
12.3	39.0	3402.1	675.0	1.0	0.6	999.9	99.9	99.9	99.9	306.2	323.7	5.9	96.5	999.9	999.9
13.4	41.8	3706.1	650.0	0.5	-0.2	999.9	99.9	99.9	99.9	309.5	326.3	5.8	95.1	999.9	999.9
14.4	44.6	4020.7	625.0	-0.3	-1.0	999.9	99.9	99.9	99.9	312.2	328.9	5.7	94.9	999.9	999.9
15.5	47.4	4347.6	600.0	-1.6	-2.3	999.9	99.9	99.9	99.9	314.2	330.2	5.4	95.0	999.9	999.9
16.6	50.3	4684.9	575.0	-5.5	-6.2	999.9	99.9	99.9	99.9	313.6	326.2	4.2	94.9	999.9	999.9
17.9	53.4	5032.9	550.0	-7.7	-8.4	999.9	99.9	99.9	99.9	315.0	326.2	3.7	94.6	999.9	999.9
19.1	56.4	5394.1	525.0	-9.5	-10.6	999.9	99.9	99.9	99.9	317.0	327.0	3.2	91.5	999.9	999.9
20.6	59.6	5770.0	500.0	-11.8	-13.9	999.9	99.9	99.9	99.9	318.7	326.9	2.6	84.5	999.9	999.9
21.9	62.8	6161.6	475.0	-14.1	-16.2	999.9	99.9	99.9	99.9	320.5	327.8	2.3	83.9	999.9	999.9
23.4	66.1	6565.4	450.0	-17.4	-19.4	999.9	99.9	99.9	99.9	321.4	327.3	1.8	84.4	999.9	999.9
24.8	69.5	6995.6	425.0	-20.6	-22.9	999.9	99.9	99.9	99.9	322.4	327.3	1.4	81.2	999.9	999.9
26.2	73.0	7441.1	400.0	-23.6	-26.4	999.9	99.9	99.9	99.9	324.4	328.1	1.1	77.3	999.9	999.9
27.7	76.7	7910.1	375.0	-27.0	-28.5	999.9	99.9	99.9	99.9	325.8	329.1	1.0	87.3	999.9	999.9
29.2	80.4	8403.9	350.0	-31.3	-31.3	999.9	99.9	99.9	99.9	326.2	327.8	0.4	44.1	999.9	999.9
30.7	84.3	8924.8	325.0	-34.8	-34.1	999.9	99.9	99.9	99.9	328.7	329.0	0.1	11.9	999.9	999.9
32.6	88.4	9479.4	300.0	-38.6	-32.7	999.9	99.9	99.9	99.9	331.0	331.3	0.1	20.8	999.9	999.9
34.5	92.8	10070.5	275.0	-44.0	-39.9	999.9	99.9	99.9	99.9	331.6	999.9	99.9	999.9	999.9	999.9
36.7	97.4	10702.2	250.0	-49.9	-39.9	999.9	99.9	99.9	99.9	331.9	999.9	99.9	999.9	999.9	999.9
38.9	102.2	11382.6	225.0	-54.8	-39.9	999.9	99.9	99.9	99.9	334.5	999.9	99.9	999.9	999.9	999.9
41.4	107.5	12124.8	200.0	-61.5	-39.9	999.9	99.9	99.9	99.9	339.4	999.9	99.9	999.9	999.9	999.9
44.6	113.2	12947.1	175.0	-64.7	-39.9	999.9	99.9	99.9	99.9	343.2	999.9	99.9	999.9	999.9	999.9
48.1	119.2	13882.6	150.0	-68.7	-39.9	999.9	99.9	99.9	99.9	355.3	999.9	99.9	999.9	999.9	999.9
52.5	126.0	15022.0	125.0	-55.3	-39.9	999.9	99.9	99.9	99.9	367.7	999.9	99.9	999.9	999.9	999.9
57.8	133.7	16402.3	100.0	-62.4	-39.9	999.9	99.9	99.9	99.9	407.2	999.9	99.9	999.9	999.9	999.9
64.4	142.3	18181.7	75.0	-55.3	-39.9	999.9	99.9	99.9	99.9	448.6	999.9	99.9	999.9	999.9	999.9
73.2	151.7	20741.7	50.0	-56.1	-39.9	999.9	99.9	99.9	99.9	511.3	999.9	99.9	999.9	999.9	999.9
86.5	161.3	25196.0	25.0	-51.0	-39.9	999.9	99.9	99.9	99.9	638.4	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS20 MAY 1979
1405 GMT

161 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E PCT T DG K	MAX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.1	175.0	993.0	19.1	15.0	110.0	5.1	-4.8	1.7	292.2	322.5	11.4	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	8.8	332.2	975.0	17.4	14.1	999.9	99.9	99.9	99.9	292.6	313.3	10.5	31.2	999.9	999.
1.4	11.1	553.9	950.0	17.2	11.4	999.9	99.9	99.9	99.9	294.7	318.4	9.0	68.7	999.9	999.
2.2	13.5	782.2	925.0	17.2	11.2	999.9	99.9	99.9	99.9	296.9	321.2	9.1	67.3	999.9	999.
3.1	15.8	1015.7	900.0	15.8	9.2	999.9	99.9	99.9	99.9	297.8	320.8	8.6	67.9	0.3	286.
3.9	13.2	1255.0	875.0	14.8	9.0	999.9	99.9	99.9	99.9	299.1	321.6	8.3	68.4	0.7	302.
4.8	20.6	1499.9	850.0	12.9	8.0	999.9	99.9	99.9	99.9	299.6	321.3	7.9	72.0	999.9	999.
5.6	23.1	1750.4	825.0	10.9	7.0	999.9	99.9	99.9	99.9	300.1	321.1	7.7	77.2	999.9	999.
6.6	23.6	2006.8	800.0	5.3	5.4	999.9	99.9	99.9	99.9	301.1	321.8	7.6	81.3	999.9	999.
7.6	29.1	2269.9	775.0	9.1	4.5	999.9	99.9	99.9	99.9	302.5	321.6	6.9	73.1	1.7	39.
9.5	30.7	2540.1	750.0	6.5	3.2	214.0	6.5	3.7	5.4	303.6	321.7	6.5	79.7	2.1	39.
13.9	49.2	4012.6	625.0	-1.7	-3.1	239.1	1.7	1.5	0.9	310.5	322.8	4.9	89.8	4.0	31.
15.0	47.1	4340.5	600.0	-2.1	-5.0	240.1	2.0	1.7	1.0	313.7	325.9	4.1	74.4	4.1	32.
15.4	50.0	4678.7	575.0	-3.2	-7.9	242.9	2.6	2.3	1.2	316.2	327.5	3.7	69.7	4.3	33.
17.6	53.0	5029.3	550.0	-5.0	-11.8	251.9	2.9	2.8	0.9	318.1	328.9	2.8	58.9	4.5	34.
18.8	56.1	5392.9	525.0	-7.8	-15.3	259.9	3.8	3.7	0.7	319.0	325.5	2.0	50.2	4.7	36.
21.1	59.3	5770.5	500.0	-11.0	-15.3	267.9	6.9	6.9	0.3	319.7	327.0	2.3	70.2	4.9	39.
21.4	62.5	6163.1	475.0	-13.4	-16.1	279.4	8.5	8.4	-1.4	321.4	328.8	2.3	79.9	5.3	45.
22.9	65.8	6572.6	450.0	-16.6	-19.9	289.7	9.6	9.6	0.1	322.6	328.1	1.8	75.5	5.3	51.
24.5	69.3	6999.7	425.0	-19.9	-24.6	290.5	11.8	11.7	2.0	323.5	327.6	1.2	65.5	6.7	56.
26.0	72.7	7447.0	400.0	-23.1	-27.6	290.0	13.5	14.3	2.5	325.0	329.3	1.0	66.1	7.8	59.
27.6	75.4	7917.1	375.0	-25.8	-30.3	270.5	17.7	17.7	-0.1	327.4	330.2	0.8	65.8	9.2	54.
29.3	80.1	8413.9	350.0	-29.4	-35.2	270.6	13.8	19.8	-0.2	329.1	331.0	0.5	57.2	10.9	53.
31.2	84.1	8938.9	325.0	-33.7	-40.5	271.1	23.7	21.5	-2.5	330.2	331.4	0.3	50.1	13.1	73.
33.2	93.2	9455.1	300.0	-38.1	-44.3	272.3	23.9	22.9	-0.9	331.7	332.6	0.2	48.6	15.5	77.
35.1	92.5	10087.6	275.0	-43.1	-49.9	261.2	27.2	26.9	4.2	332.8	333.6	99.9	99.9	18.4	78.
37.4	97.2	10721.9	250.0	-48.3	-52.9	261.0	32.9	32.5	5.1	333.6	334.5	92.9	999.9	22.4	79.
39.6	102.0	11405.9	225.0	-54.4	-59.9	256.9	38.9	38.9	2.1	335.2	336.0	99.9	999.9	27.1	79.
42.1	107.2	12150.7	200.0	-60.4	-64.4	253.9	45.7	45.7	0.1	337.1	337.9	99.9	999.9	33.4	81.
44.3	112.8	12972.7	175.0	-63.9	-69.9	253.1	40.7	40.7	-9.5	344.5	345.5	99.9	999.9	40.8	83.
47.7	119.0	13926.9	150.0	-63.5	-69.9	252.1	22.4	20.7	-8.4	360.2	360.2	99.9	999.9	45.7	97.
51.4	125.7	15062.7	125.0	-59.4	-64.4	266.8	13.4	13.4	0.7	387.4	387.4	99.9	999.9	49.4	98.
55.8	133.2	16440.6	100.0	-63.6	-69.9	264.3	15.1	15.0	1.5	404.9	404.9	99.9	999.9	52.7	97.
61.2	141.7	18224.0	75.0	-61.0	-64.4	230.0	5.2	4.0	3.3	485.1	485.1	99.9	999.9	56.1	83.
69.6	151.0	20792.3	50.0	-53.5	-69.9	213.6	3.2	1.8	2.7	517.3	517.3	99.9	999.9	59.9	87.
83.4	161.0	25262.1	25.0	-49.8	-69.9	183.0	4.8	0.3	4.8	601.8	601.8	99.9	999.9	55.7	86.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
 SALEM, ILLINOIS

 20 MAY 1979
 1705 GMT

162 14. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	V COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.3	175.0	993.2	19.4	16.1	130.0	2.6	-2.0	1.7	293.1	323.4	11.7	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	8.9	334.4	975.0	18.3	15.3	127.9	4.6	-3.6	2.8	293.6	323.0	11.3	82.3	0.1	311.
1.4	11.3	556.9	950.0	16.5	13.9	143.6	4.8	-2.7	3.9	294.0	321.6	10.6	84.4	0.3	313.
2.3	13.7	784.6	925.0	16.7	11.1	153.2	4.6	-1.9	4.2	296.4	320.5	9.0	69.5	0.6	322.
3.1	16.1	1017.6	900.0	14.5	10.0	219.5	2.9	1.5	2.5	296.5	319.5	8.6	74.3	0.7	326.
3.9	19.6	1255.7	875.0	13.2	10.2	249.1	4.7	4.4	1.7	297.5	321.6	9.0	82.2	0.7	341.
4.8	21.1	1499.2	850.0	10.9	9.4	251.1	5.3	5.0	1.7	297.6	321.1	8.0	90.6	0.8	2.
5.6	23.6	1748.3	825.0	9.5	8.5	250.0	4.2	4.0	1.4	298.7	321.7	8.5	93.5	0.9	16.
6.6	26.1	2003.4	800.0	8.0	7.0	262.7	3.6	3.5	0.5	299.7	321.2	7.9	93.3	1.0	27.
7.7	28.7	2265.5	775.0	6.7	5.7	260.3	4.4	4.3	0.7	301.1	321.5	7.5	93.1	1.2	36.
9.6	31.3	2535.0	750.0	5.6	4.5	249.4	5.3	4.9	1.9	302.4	322.3	7.1	92.9	1.4	43.
9.5	34.0	2812.1	725.0	4.1	3.0	245.5	6.2	5.7	2.6	303.9	322.3	6.6	92.7	1.7	47.
10.5	36.7	3097.6	700.0	2.9	1.0	242.2	6.6	6.1	2.3	305.7	322.5	5.9	87.6	2.1	51.
11.6	39.4	3392.0	675.0	1.9	-3.1	251.8	6.9	6.6	2.3	310.3	323.4	4.4	69.3	2.5	54.
12.6	42.2	3696.5	650.0	1.2	-3.8	250.8	6.9	6.6	2.3	310.3	323.4	4.4	69.3	2.5	54.
13.7	45.1	4011.0	625.0	-1.0	-11.0	236.4	6.8	5.7	3.8	311.3	319.5	2.7	47.4	3.3	58.
14.9	47.9	4338.3	600.0	-2.3	-16.1	260.2	8.3	8.1	-2.1	313.5	319.1	1.8	33.7	3.7	59.
16.0	50.8	4672.9	575.0	-4.6	-14.4	265.0	6.4	6.3	0.2	314.6	321.5	2.2	46.2	4.0	67.
17.2	53.9	5022.8	550.0	-5.7	-10.9	239.1	7.3	6.3	3.8	317.3	326.7	3.0	66.9	4.4	66.
18.3	56.9	5385.3	525.0	-9.0	-12.4	239.5	9.0	7.8	4.6	317.8	326.3	2.8	76.3	5.0	66.
19.5	60.1	5761.4	500.0	-11.5	-14.9	241.0	10.1	8.9	4.9	319.0	326.6	2.4	76.0	5.7	65.
20.9	63.4	6153.4	475.0	-13.7	-17.3	251.1	11.8	11.2	3.6	321.0	327.6	2.1	74.0	6.5	65.
22.1	66.8	6562.8	450.0	-16.1	-19.8	263.2	14.4	14.3	1.7	323.1	328.8	1.8	72.8	7.5	67.
23.6	70.3	6991.7	425.0	-18.7	-24.3	277.3	16.2	16.1	-2.1	325.0	329.2	1.3	61.0	8.8	70.
25.0	73.9	7441.2	400.0	-21.5	-28.0	269.9	16.3	16.3	0.0	327.0	330.3	0.9	55.6	10.1	74.
26.6	77.5	7913.5	375.0	-25.3	-30.7	261.7	17.8	17.6	2.6	328.1	330.9	0.8	60.6	11.7	75.
28.3	81.3	8410.4	350.0	-29.3	-35.0	257.0	19.0	18.5	4.3	329.2	331.2	0.5	57.6	13.5	76.
30.0	85.3	8935.3	325.0	-33.8	-39.2	251.1	22.6	21.7	6.2	330.2	331.6	0.4	57.7	15.6	76.
31.9	89.5	9491.8	300.0	-38.1	-44.3	253.6	27.0	25.9	7.6	331.6	332.5	0.2	51.8	18.4	75.
33.9	93.8	10085.5	275.0	-42.8	-49.9	256.3	30.4	29.6	7.2	333.3	333.9	99.9	99.9	21.9	75.
36.0	91.4	10723.3	250.0	-48.0	-54.5	261.8	33.4	33.5	4.9	334.7	334.7	99.9	99.9	25.9	76.
38.2	103.4	11407.0	225.0	-54.5	-59.9	262.0	34.9	34.6	4.8	334.9	334.9	99.9	99.9	30.4	77.
40.6	109.5	12149.8	200.0	-61.2	-66.0	259.3	38.8	38.1	7.2	335.2	335.2	99.9	99.9	35.7	77.
43.3	114.2	12976.7	175.0	-65.0	-69.9	277.2	40.4	40.1	-5.1	342.7	339.9	99.9	99.9	42.3	79.
46.3	120.2	13924.5	150.0	-59.9	-59.9	286.0	21.5	20.6	-5.9	367.0	339.9	99.9	99.9	47.5	82.
49.8	127.0	15051.2	125.0	-62.5	-62.5	259.1	14.2	13.7	3.9	381.6	339.9	99.9	99.9	50.4	83.
54.1	134.7	16428.3	100.0	-61.8	-61.8	268.8	15.1	15.0	0.9	408.3	339.9	99.9	99.9	54.3	82.
59.5	143.3	18219.5	75.0	-59.3	-59.3	251.4	5.4	5.1	1.7	448.6	339.9	99.9	99.9	57.5	82.
66.9	153.0	20788.4	50.0	-54.8	-54.8	99.9	3.4	-0.4	3.3	514.3	339.9	99.9	99.9	58.3	82.
78.4	163.5	25273.8	25.0	-49.4	-49.4	98.2	2.6	-2.5	0.4	642.9	339.9	99.9	99.9	57.7	80.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
 SALEM, ILLINOIS

 20 MAY 1979
 2005 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	175.0	992.5	17.0	17.0	240.0	2.1	1.8	1.1	294.2	327.2	12.4	78.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	8.9	328.5	975.0	18.4	14.0	181.9	4.1	0.1	4.1	293.7	320.8	10.4	75.6	0.0	4.
1.2	11.2	551.9	950.0	18.2	11.6	212.6	4.0	0.9	3.9	295.6	319.7	9.1	65.4	0.2	2.
2.0	13.5	780.1	925.0	16.5	11.5	214.0	3.8	2.1	3.1	296.3	320.9	9.3	72.4	0.4	13.
2.8	15.8	1013.0	900.0	14.7	11.7	234.0	3.6	2.9	2.1	296.6	322.4	9.7	82.6	0.6	23.
3.8	18.2	1251.1	875.0	13.0	11.2	252.3	2.9	2.7	0.9	297.3	322.9	9.6	88.8	0.7	33.
4.6	20.6	1494.7	850.0	11.6	10.0	283.9	1.4	1.4	-0.3	298.3	322.8	9.1	89.9	0.8	38.
5.4	23.1	1744.3	825.0	9.8	8.9	298.3	1.7	1.5	-0.8	299.0	322.6	8.8	94.4	0.8	43.
6.3	25.5	2000.0	800.0	8.1	7.0	279.1	2.5	2.5	-0.4	299.7	321.3	7.9	92.9	0.9	50.
7.3	28.0	2261.9	775.0	6.5	5.5	274.3	3.0	3.0	-0.2	300.2	321.0	7.3	93.3	1.0	56.
8.2	30.5	2531.3	750.0	5.3	4.3	282.2	3.9	3.8	-0.8	302.3	321.6	7.0	93.0	1.1	62.
9.1	33.4	2808.1	725.0	4.0	3.0	283.8	4.9	4.8	-1.2	303.5	322.3	6.6	93.3	1.3	70.
10.0	35.7	3093.3	700.0	2.4	1.5	272.1	5.9	5.9	-0.2	305.2	322.5	6.1	93.4	1.6	75.
11.1	38.4	3387.0	675.0	0.8	-0.2	259.3	6.8	6.7	1.3	306.6	322.6	5.6	93.1	2.0	77.
12.1	41.1	3690.0	650.0	-0.6	-1.6	252.0	6.3	6.0	1.9	308.3	323.5	5.3	92.8	2.4	77.
13.3	43.9	4002.8	625.0	-2.6	-7.1	250.9	4.4	4.2	1.5	309.5	320.2	3.6	70.8	2.8	76.
14.3	46.7	4325.8	600.0	-4.1	-9.6	259.5	3.1	3.1	0.6	311.4	320.7	3.1	65.3	3.0	76.
15.3	49.6	4661.1	575.0	-5.4	-7.7	254.7	3.6	3.5	1.0	313.6	324.9	3.7	84.1	3.2	76.
16.4	52.6	5005.4	550.0	-7.4	-9.4	249.0	4.8	4.5	1.7	315.4	325.8	3.4	85.0	3.5	76.
17.6	55.6	5370.9	525.0	-9.2	-11.0	259.9	6.8	6.7	1.2	317.4	327.1	3.1	86.6	3.8	75.
18.8	58.6	5748.0	500.0	-10.8	-17.4	282.5	11.8	11.5	-2.5	319.5	326.1	2.0	58.4	4.5	78.
20.2	61.9	6141.2	475.0	-11.3	-45.6	289.4	17.9	16.8	-5.9	324.8	324.6	0.3	9.2	5.6	84.
21.5	65.1	6551.3	450.0	-15.8	-38.0	284.2	20.6	20.0	-5.0	323.4	324.6	0.3	12.7	7.1	90.
23.0	68.5	6980.3	425.0	-18.5	-41.2	274.9	19.6	19.5	-1.7	325.3	326.2	0.2	11.4	8.8	91.
24.3	72.0	7425.8	400.0	-21.8	-50.9	272.8	22.2	22.2	-1.1	326.7	327.0	0.1	5.1	10.4	92.
25.9	75.6	7901.2	375.0	-26.0	-47.5	274.9	25.3	25.2	-2.1	327.3	327.8	0.1	11.1	12.6	92.
27.7	79.3	8396.3	350.0	-30.4	-45.0	275.2	28.0	27.9	-2.6	327.6	328.5	0.2	22.2	15.6	93.
29.5	83.2	8918.7	325.0	-34.0	-71.8	272.6	31.7	31.7	-1.4	329.2	329.8	0.0	1.0	18.7	93.
31.1	87.2	9475.2	300.0	-37.9	-74.4	270.7	32.0	32.0	-0.4	332.0	332.0	0.0	1.0	21.8	93.
32.9	91.5	10069.3	275.0	-42.3	99.9	264.5	30.7	30.7	3.0	334.0	999.9	99.9	999.9	25.4	92.
35.0	95.0	10706.2	250.0	-47.9	99.9	262.9	30.3	30.1	3.8	334.5	999.9	99.9	999.9	29.0	91.
37.3	100.8	11393.1	225.0	-52.9	99.9	268.0	34.8	34.8	1.2	337.4	999.9	99.9	999.9	33.5	90.
39.9	106.0	12142.3	200.0	-55.3	99.9	271.4	38.6	38.6	-0.9	338.8	999.9	99.9	999.9	39.1	90.
42.4	111.5	12968.1	175.0	-64.9	99.9	274.6	41.1	41.0	-3.3	342.5	999.9	99.9	999.9	45.7	91.
45.8	117.7	13906.2	150.0	-63.3	99.9	281.7	29.3	28.7	-6.0	361.1	999.9	99.9	999.9	53.0	91.
49.1	124.5	15034.4	125.0	-62.4	99.9	260.2	20.3	20.0	3.4	382.0	999.9	99.9	999.9	56.8	91.
53.6	132.3	16420.3	100.0	-60.4	99.9	272.2	21.2	21.1	-0.8	411.1	999.9	99.9	999.9	62.4	91.
58.6	141.5	18207.1	75.0	-59.4	99.9	258.2	7.8	7.7	1.6	448.4	999.9	99.9	999.9	66.7	91.
65.8	152.3	20781.2	50.0	-55.2	99.9	231.6	2.8	2.2	1.7	513.6	999.9	99.9	999.9	67.6	91.
76.9	164.3	25271.5	25.0	-50.4	99.9	216.7	3.6	2.1	2.9	640.1	999.9	99.9	999.9	67.4	90.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS

TIME MIN	CNCTY	HEIGHT GRM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.5	175.0	992.5	21.1	15.4	300.0	2.1	1.8	-1.0	294.5	324.2	11.2	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	9.0	326.8	975.0	19.4	14.4	341.8	2.6	0.8	-2.4	294.6	122.6	10.7	73.0	0.1	138.
1.3	11.4	552.0	950.0	17.5	13.1	336.8	2.6	1.0	-2.4	294.9	321.3	10.0	75.4	0.2	154.
2.1	13.7	779.7	925.0	15.7	12.4	326.3	3.1	1.7	-2.6	295.4	321.4	9.9	80.7	0.3	151.
3.0	16.2	1012.1	900.0	14.1	11.1	331.8	3.5	1.7	-3.1	296.0	320.7	9.3	82.5	0.5	150.
3.6	19.7	1250.0	875.0	12.6	11.1	339.6	3.7	1.3	-3.5	296.5	322.3	9.5	90.1	0.7	152.
4.6	21.1	1493.2	850.0	11.3	9.8	335.0	3.1	1.3	-2.8	298.0	322.2	9.0	91.0	0.9	154.
5.5	23.6	1742.9	825.0	10.1	8.7	341.4	2.8	0.9	-2.7	299.2	322.6	8.6	91.5	1.0	153.
6.3	26.1	1998.7	800.0	8.9	7.2	356.2	2.9	0.2	-2.9	300.6	322.6	8.0	89.5	1.2	156.
7.3	28.7	2261.6	775.0	7.5	5.9	347.6	3.6	0.8	-3.5	301.9	322.8	7.6	89.7	1.3	158.
8.2	31.3	2531.5	750.0	6.3	4.3	339.8	6.0	3.0	-5.2	303.4	322.8	7.0	87.4	1.6	158.
9.2	34.0	2809.6	725.0	5.1	3.0	323.2	7.9	4.7	-6.3	305.1	323.6	6.6	86.0	2.0	155.
10.1	36.7	3055.6	700.0	2.9	1.3	321.7	8.8	5.4	-6.9	305.7	322.8	6.0	89.0	2.4	153.
11.1	39.4	3389.9	675.0	1.3	-0.4	320.9	9.0	5.7	-7.0	307.1	322.9	5.5	88.6	2.9	151.
12.1	42.2	3692.9	650.0	-0.9	-2.1	314.8	7.7	5.5	-5.4	308.0	322.6	5.1	91.5	3.5	149.
13.2	45.1	4005.3	625.0	-3.2	-6.1	288.6	5.9	5.2	-2.8	308.8	320.3	3.9	80.5	3.9	147.
14.3	48.0	4329.0	600.0	-3.4	-5.9	284.5	6.6	6.4	-1.6	312.2	324.5	4.1	82.9	4.2	144.
15.5	51.0	4665.3	575.0	-5.1	-8.3	291.5	9.2	9.0	-1.8	314.1	324.8	3.5	77.6	4.6	139.
16.7	54.0	5014.0	550.0	-5.2	-53.2	274.0	13.5	13.4	-0.9	317.5	318.1	0.0	1.0	5.2	133.
17.9	57.1	5377.4	525.0	-8.0	-38.0	275.1	16.7	16.6	-1.5	318.8	319.8	0.3	6.8	6.2	126.
19.1	60.3	5754.1	500.0	-11.3	-34.0	282.6	17.0	16.6	-3.7	319.3	320.8	0.4	13.2	7.3	122.
20.4	63.6	6145.5	475.0	-14.3	-27.6	281.2	17.4	17.1	-3.4	320.3	323.1	0.8	31.4	8.5	119.
21.8	66.9	6553.4	450.0	-16.8	-50.0	279.0	21.1	20.8	-3.3	322.1	322.4	0.1	3.9	9.9	116.
23.2	70.3	6979.8	425.0	-20.1	-51.4	280.5	24.9	24.4	-4.5	323.2	323.5	0.1	4.2	11.9	113.
24.6	73.9	7426.5	400.0	-23.1	-60.1	277.3	27.3	27.1	-3.5	324.9	325.1	0.0	1.9	14.1	111.
26.2	77.6	7895.8	375.0	-26.7	-67.0	277.6	29.7	29.4	-3.9	326.3	326.3	0.0	1.0	16.6	109.
27.3	81.4	8390.5	350.0	-30.2	-69.3	284.5	34.2	33.1	-8.5	328.0	328.0	0.0	1.0	19.7	108.
29.4	85.3	8913.2	325.0	-34.2	-72.0	284.8	37.0	35.8	-9.4	329.5	329.6	0.0	1.0	23.2	107.
31.3	89.5	9468.5	300.0	-38.4	-74.7	280.6	41.6	40.9	-7.7	331.2	331.3	0.0	1.0	27.4	107.
33.1	93.8	10081.7	275.0	-42.7	-79.9	279.1	43.9	43.4	-7.0	333.4	333.4	99.9	999.9	32.2	106.
35.1	99.4	10698.9	250.0	-47.3	-79.9	278.0	45.6	45.2	-6.3	335.7	335.7	99.9	999.9	37.6	105.
37.3	103.4	11387.1	225.0	-52.7	-79.9	276.4	45.4	45.2	-5.1	337.8	337.8	99.9	999.9	43.3	104.
39.6	108.6	12138.5	200.0	-57.9	-79.9	273.9	41.0	40.9	-2.8	341.1	341.1	99.9	999.9	49.4	103.
42.1	114.2	12965.8	175.0	-62.5	-79.9	265.9	40.5	40.4	2.9	346.8	346.8	99.9	999.9	55.4	101.
44.9	120.5	13912.0	150.0	-65.4	-79.9	273.1	37.1	37.1	-2.0	357.5	357.5	99.9	999.9	62.1	100.
48.2	127.2	15036.1	125.0	-68.8	-79.9	280.2	25.2	25.0	3.1	385.0	385.0	99.9	999.9	67.5	99.
52.0	134.7	16424.0	100.0	-59.8	-79.9	282.9	24.0	23.6	-4.3	412.2	412.2	99.9	999.9	73.7	98.
57.0	143.3	18211.0	75.0	-60.6	-79.9	283.6	8.1	8.0	0.9	455.9	455.9	99.9	999.9	77.6	98.
63.2	152.5	20769.5	50.0	-56.2	-79.9	246.2	3.3	3.0	1.3	511.1	511.1	99.9	999.9	78.6	98.
72.8	162.0	25257.6	25.0	-49.6	-79.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	77.7	98.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS20 MAY 1979
1705 GMT

163 10. 0

TIME MIN	CNTCT	HEIGHT GSM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	8.4	314.0	975.2	25.1	21.0	90.0	4.6	-4.6	0.0	300.4	343.5	16.3	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	8.4	315.8	975.0	25.1	21.0	91.6	4.6	-4.6	0.1	300.4	343.5	16.3	78.3	0.0	359.
0.8	10.7	543.5	950.0	22.2	20.7	146.4	2.7	-1.5	2.3	299.7	342.9	16.4	91.4	0.2	319.
1.6	13.0	775.4	925.0	20.1	19.3	176.2	3.2	-0.2	3.2	299.9	340.6	15.4	94.8	0.3	321.
2.6	15.5	1012.8	900.0	20.5	16.8	213.8	5.8	3.2	4.8	302.7	339.2	13.6	79.6	0.5	348.
3.5	17.9	1257.0	875.0	20.4	13.5	215.3	6.9	4.0	5.6	305.0	337.5	11.2	64.4	0.8	10.
4.3	20.4	1507.6	850.0	19.4	13.1	195.9	8.7	2.2	8.4	308.5	337.5	11.2	64.8	1.1	15.
5.0	22.8	1764.6	825.0	18.7	8.0	182.8	10.2	1.2	10.1	308.4	331.6	8.2	49.9	1.5	13.
5.8	25.4	2028.1	800.0	17.1	5.4	187.7	12.6	1.7	12.4	309.4	329.6	7.1	45.9	2.1	12.
6.7	29.0	2298.3	775.0	15.8	5.5	193.9	13.6	3.3	13.2	310.8	331.9	7.4	50.6	2.8	11.
7.6	30.6	2576.5	750.0	14.1	6.0	210.9	11.1	5.7	9.5	311.9	334.5	7.9	58.4	3.5	13.
8.7	33.2	2842.0	725.0	11.9	5.4	221.6	9.8	6.5	7.3	312.2	335.0	7.8	64.7	4.1	17.
9.8	35.9	3155.0	700.0	9.6	3.3	220.9	9.5	6.2	7.2	313.1	333.3	7.0	64.8	4.6	20.
10.9	38.7	3456.1	675.0	7.2	1.6	210.1	10.0	5.9	8.1	313.7	332.4	6.4	67.9	5.3	23.
12.0	41.4	3765.9	650.0	5.0	0.8	217.5	9.7	5.9	7.7	314.6	333.0	6.3	74.3	5.9	24.
13.1	44.3	4084.8	625.0	2.2	-1.9	223.6	11.2	7.7	6.1	315.0	330.8	5.3	74.0	6.5	26.
14.2	47.1	4413.4	600.0	-0.7	-1.6	227.3	12.8	9.4	8.7	315.4	332.2	5.7	93.2	7.3	28.
15.4	50.1	4752.8	575.0	-2.7	-5.6	225.2	15.6	11.0	11.0	316.8	330.1	4.4	80.5	8.3	30.
16.6	53.1	5105.0	550.0	-4.2	-10.5	225.9	19.8	14.2	13.8	319.1	328.9	3.1	61.6	9.5	32.
17.7	56.3	5476.6	525.0	-6.3	-19.4	226.8	20.2	15.5	13.0	320.6	325.9	1.6	34.5	10.8	34.
19.0	59.4	5950.9	500.0	-8.4	-18.8	234.2	17.4	14.1	10.2	322.6	328.4	1.7	42.6	12.2	36.
20.4	62.7	6248.6	475.0	-11.4	-32.9	236.9	17.9	15.0	9.8	323.9	325.7	0.5	14.9	13.5	38.
21.8	66.0	6659.1	450.0	-14.5	-18.0	241.3	18.6	16.3	8.9	325.0	331.7	2.1	74.9	15.0	40.
23.2	69.4	7090.7	425.0	-17.2	-18.3	238.9	20.2	17.4	10.5	326.9	333.9	2.1	91.3	16.5	42.
24.7	73.0	7543.5	400.0	-20.2	-22.2	235.4	24.5	20.2	13.9	328.8	334.2	1.6	83.4	18.4	44.
26.3	76.7	8018.0	375.0	-24.0	-34.3	237.2	28.4	23.8	15.3	329.9	331.8	0.5	37.5	21.0	45.
28.0	80.5	8518.2	350.0	-27.3	-36.8	238.8	29.1	24.9	15.1	332.0	333.7	0.5	39.8	23.8	47.
29.7	84.5	9048.8	325.0	-30.3	-36.9	238.8	31.9	27.3	16.6	334.9	336.7	0.5	52.1	26.9	48.
31.5	88.7	9613.6	300.0	-34.5	-41.1	233.9	33.0	26.7	19.4	336.6	338.0	0.3	50.5	30.2	49.
33.4	93.0	10215.3	275.0	-39.2	99.9	231.8	38.1	28.4	22.4	338.4	999.9	99.9	99.9	34.2	50.
35.6	97.7	10861.7	250.0	-44.2	99.9	235.3	38.6	31.7	22.0	340.4	999.9	99.9	99.9	39.2	50.
38.0	102.6	11560.0	225.0	-49.6	99.9	239.1	37.0	31.8	19.0	342.5	999.9	99.9	99.9	44.8	51.
40.4	109.0	12320.3	200.0	-56.0	99.9	244.5	39.1	35.3	16.9	345.1	999.9	99.9	99.9	49.8	52.
43.3	113.8	13159.2	175.0	-61.8	99.9	252.2	47.0	44.8	14.4	347.9	999.9	99.9	99.9	57.5	54.
46.5	120.0	14095.6	150.0	-64.9	99.9	255.1	39.8	38.4	10.2	354.9	999.9	99.9	99.9	65.4	57.
49.7	127.0	15196.6	125.0	-68.6	99.9	243.9	39.9	36.4	16.3	370.8	999.9	99.9	99.9	72.7	58.
53.8	135.0	16542.0	100.0	-65.2	99.9	243.3	19.3	17.2	8.7	401.7	999.9	99.9	99.9	80.9	59.
59.1	144.0	18268.1	75.0	-69.9	99.9	182.3	7.3	0.3	7.3	426.4	999.9	99.9	99.9	83.7	59.
66.5	154.0	20760.0	50.0	-58.9	99.9	105.6	5.1	-4.9	1.4	504.7	999.9	99.9	99.9	83.0	58.
77.8	164.0	25212.0	25.0	-50.9	99.9	107.5	8.1	-7.7	2.4	638.4	999.9	99.9	99.9	80.5	56.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS
21 MAY 1979
205 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E POT Θ DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	175.0	993.1	18.3	15.9	340.0	1.0	0.3	-0.9	292.8	321.9	11.6	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	8.8	333.9	975.0	19.8	15.4	993.9	99.9	99.9	99.9	295.1	324.9	11.4	75.4	999.9	999.9
1.4	11.2	557.7	950.0	17.9	14.7	999.9	99.9	99.9	99.9	295.3	324.7	11.2	81.8	999.9	999.9
2.2	13.5	785.9	925.0	16.3	13.5	0.8	5.6	-0.1	-5.6	296.0	324.0	10.6	83.5	0.7	177.
3.1	15.9	1018.8	900.0	15.1	10.1	15.9	6.0	-1.8	-5.8	297.0	320.2	8.7	72.0	1.0	181.
3.9	18.3	1257.7	875.0	14.4	8.5	14.4	5.8	-1.5	-5.7	298.2	320.4	8.0	67.4	1.3	186.
4.8	20.8	1502.4	850.0	13.1	6.4	9.8	4.4	-0.8	-4.3	299.9	322.2	8.2	73.0	1.6	187.
5.7	23.3	1753.1	825.0	11.3	7.2	4.7	4.9	-0.4	-4.9	300.6	321.8	7.8	75.8	1.8	186.
6.6	25.8	2008.8	800.0	9.3	7.5	4.3	5.8	-0.4	-5.8	301.1	323.5	8.2	88.8	2.1	186.
7.5	29.3	2272.5	775.0	6.9	6.3	4.1	6.1	-0.4	-6.1	301.3	322.6	7.8	95.6	2.4	186.
8.5	33.9	2541.9	750.0	5.4	4.8	357.6	8.9	0.2	-5.9	302.5	322.4	7.2	95.4	2.8	186.
9.4	33.6	2818.9	725.0	4.0	2.7	345.7	6.5	1.6	-6.3	303.9	321.9	6.4	91.3	3.1	184.
10.5	36.3	3104.1	700.0	2.8	0.7	339.0	7.2	2.6	-6.7	305.6	321.9	5.8	86.0	3.5	181.
11.7	39.0	3398.1	675.0	0.9	-0.7	336.6	7.9	3.1	-7.3	306.7	322.2	5.4	89.2	4.0	178.
12.9	41.7	3701.5	650.0	-0.1	-6.0	328.4	8.6	5.0	-6.8	308.6	320.0	3.8	64.5	4.5	175.
13.9	44.6	4014.7	625.0	-2.0	-7.5	308.1	8.9	7.0	-5.5	310.2	320.7	3.5	66.0	5.0	171.
15.1	47.4	4338.1	600.0	-4.4	-10.6	297.0	8.2	7.3	-5.7	311.0	319.7	2.9	62.0	5.4	166.
16.3	50.4	4672.5	575.0	-5.5	-37.4	287.3	8.8	8.4	-2.6	313.6	315.0	0.4	9.7	5.7	161.
17.5	53.3	5026.3	550.0	-6.9	-54.3	278.4	11.4	11.3	-1.7	315.9	316.0	0.0	1.0	6.1	156.
18.8	56.4	5381.6	525.0	-9.4	-46.3	274.8	13.1	13.0	-1.1	317.1	317.7	0.2	4.7	6.7	148.
20.0	59.5	5756.5	500.0	-12.4	-26.7	275.5	13.2	13.1	-1.3	317.9	320.8	0.9	29.9	7.3	142.
21.4	62.7	6145.7	475.0	-16.0	-21.4	281.2	15.2	14.9	-3.0	318.1	322.8	1.4	63.0	8.2	137.
22.8	66.1	6551.3	450.0	-18.5	-25.1	279.1	18.1	17.9	-2.6	320.0	323.7	1.1	56.0	9.3	132.
24.3	69.5	6975.6	425.0	-21.1	-28.7	277.0	21.2	20.9	-3.3	321.9	324.8	0.8	50.2	10.9	126.
25.8	73.0	7420.6	400.0	-23.9	-32.9	278.7	23.6	23.3	-3.6	324.0	326.0	0.6	42.8	12.7	122.
27.5	76.6	7888.7	375.0	-27.5	-43.5	280.9	25.4	24.9	-4.8	325.2	326.1	0.2	21.5	15.1	118.
29.2	80.5	8381.7	350.0	-30.9	-57.6	285.8	29.9	28.7	-8.1	327.2	327.3	0.0	5.4	17.7	116.
31.0	84.4	8902.6	325.0	-35.7	-71.2	286.1	36.5	35.0	-12.1	330.8	330.9	0.0	1.6	26.1	113.
33.0	88.5	9455.9	300.0	-38.7	-71.7	283.7	51.8	50.3	-12.2	333.2	333.2	99.9	99.9	32.4	112.
35.2	93.0	10047.6	275.0	-42.8	99.9	280.2	54.3	53.5	-9.7	335.3	335.3	99.9	99.9	39.7	110.
37.5	97.5	10684.3	250.0	-47.6	99.9	278.7	60.4	60.2	-4.9	339.1	339.1	99.9	99.9	47.6	108.
39.8	102.4	11375.3	225.0	-51.8	99.9	270.2	55.4	55.4	-0.2	341.2	341.2	99.9	99.9	56.1	105.
42.4	107.6	12128.9	200.0	-57.8	99.9	277.5	52.4	52.4	-6.9	344.5	344.5	99.9	99.9	65.4	103.
45.2	113.2	12958.7	175.0	-63.9	99.9	283.0	35.2	34.3	-7.9	360.8	360.8	99.9	99.9	73.2	103.
48.1	119.5	13900.7	150.0	-63.9	99.9	272.3	22.1	22.1	-0.9	368.6	368.6	99.9	99.9	78.5	103.
51.6	126.2	15021.2	125.0	-61.5	99.9	283.9	18.2	17.7	-4.4	410.7	410.7	99.9	99.9	83.9	103.
56.1	134.0	16409.6	100.0	-60.6	99.9	236.0	9.5	7.9	5.3	443.2	443.2	99.9	99.9	88.0	102.
61.9	142.7	18189.1	75.0	-61.9	99.9	233.6	3.5	2.8	2.1	510.1	510.1	99.9	99.9	89.1	102.
69.7	152.3	20732.6	50.0	-56.6	99.9	250.0	4.3	4.2	1.2	632.2	632.2	99.9	99.9	87.1	102.
82.6	163.0	25187.5	25.0	-53.0	99.9	250.0	4.3	4.2	1.2	632.2	632.2	99.9	99.9	87.1	102.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS21 MAY 1979
505 GMT

162 11. 0

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	175.0	993.2	15.1	14.9	190.0	1.0	0.2	1.0	288.2	316.5	10.8	99.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
0.6	9.0	333.8	975.0	19.2	13.4	999.9	99.9	99.9	99.9	294.5	320.7	10.0	68.8	992.7	999.9
1.4	11.4	557.7	950.0	16.7	12.3	999.9	99.9	99.9	99.9	296.2	321.5	9.5	66.1	999.9	999.9
2.2	13.8	786.5	925.0	17.5	10.1	999.9	99.9	99.9	99.9	297.2	319.9	8.5	61.9	999.9	999.9
3.0	15.3	1020.3	900.0	16.1	5.7	999.9	99.9	99.9	99.9	298.1	315.1	6.2	48.3	999.9	999.9
3.8	18.8	1259.2	875.0	14.7	5.7	999.9	99.9	99.9	99.9	299.0	317.1	6.6	54.8	1.1	123.
4.6	21.3	1503.4	850.0	12.3	4.9	20.2	10.0	3.4	-9.4	299.8	316.6	6.4	60.5	1.5	200.
5.4	23.9	1752.9	825.0	10.0	5.5	20.8	9.8	-3.5	-9.1	299.1	316.0	6.9	73.6	2.0	230.
6.2	26.5	2007.9	800.0	7.4	3.2	21.2	10.2	-3.7	-9.5	299.0	315.7	6.1	74.8	2.6	230.
7.1	29.1	2268.6	775.0	5.4	0.7	27.8	8.3	-3.9	-7.3	299.6	315.2	5.2	72.0	3.0	200.
8.1	31.8	2536.0	750.0	4.0	-7.3	24.9	5.8	-2.4	-5.3	301.0	309.5	3.0	43.5	3.4	201.
9.1	34.4	2811.4	725.0	2.8	1.8	9.3	4.7	-0.6	-4.6	302.5	319.4	6.1	93.7	3.7	211.
10.1	37.1	3096.0	700.0	2.4	1.6	349.7	5.1	0.9	-5.1	305.2	322.8	6.2	100.1	4.0	200.
11.1	39.9	3389.5	675.0	0.8	-11.1	334.2	7.3	3.2	-5.6	306.2	313.8	2.4	40.6	4.3	137.
12.1	42.8	3692.6	650.0	1.0	-28.3	327.2	10.5	5.7	-8.8	310.1	311.9	0.6	9.0	4.7	192.
13.2	45.6	4006.7	625.0	-0.9	-29.5	317.4	10.3	7.0	-7.6	311.4	313.2	0.5	9.2	5.2	196.
14.3	48.6	4330.7	600.0	-3.6	-30.3	311.9	9.9	7.4	-6.6	312.0	313.7	0.5	10.4	5.5	181.
15.4	51.6	4665.1	575.0	-6.3	-30.5	305.7	9.7	7.5	-5.7	312.7	314.4	0.5	12.5	6.0	176.
16.5	54.6	5011.2	550.0	-8.4	-30.3	289.9	10.1	9.5	-3.5	314.1	316.0	0.6	15.4	6.3	171.
17.7	57.8	5370.4	525.0	-11.0	-24.1	283.4	11.1	10.9	-2.6	315.2	318.6	1.0	32.8	6.7	165.
18.9	60.9	5743.2	500.0	-13.8	-18.5	283.8	12.7	12.4	-3.0	316.2	321.9	1.8	67.2	7.2	159.
20.3	64.1	6132.0	475.0	-15.6	-19.8	280.4	16.4	16.1	-3.0	318.7	324.1	1.7	70.4	7.9	152.
21.8	67.6	6538.7	450.0	-17.9	-24.5	278.9	15.8	19.4	-3.5	320.2	324.6	1.2	55.9	9.0	144.
23.3	71.0	6963.9	425.0	-20.3	-30.4	278.9	22.3	22.0	-3.5	322.9	325.4	0.7	39.9	10.5	136.
24.9	74.6	7410.3	400.0	-23.9	-33.1	273.6	24.3	24.3	-1.5	324.0	326.0	0.5	42.0	12.3	129.
26.6	78.2	7877.9	375.0	-27.9	-35.2	274.1	25.0	24.9	-1.8	324.7	326.5	0.5	49.3	14.3	124.
28.4	82.0	8369.0	350.0	-32.1	-39.7	281.9	28.3	27.7	-5.8	325.2	326.8	0.3	46.2	17.0	119.
30.2	86.0	8888.8	325.0	-34.6	-48.0	284.8	34.6	33.5	-8.9	329.0	328.6	0.1	23.9	20.2	117.
32.0	90.2	9443.6	300.0	-38.0	-43.0	280.6	46.2	45.4	-8.5	331.6	332.8	0.3	59.0	24.3	115.
33.7	94.5	10039.2	275.0	-41.9	99.9	271.1	51.9	51.9	-1.0	334.6	999.9	99.9	999.9	29.5	111.
35.8	99.2	10676.0	250.0	-48.1	99.9	264.3	50.2	49.9	5.0	334.2	999.9	99.9	999.9	35.3	107.
38.1	104.0	11361.6	225.0	-53.4	99.9	259.5	53.4	52.5	9.7	336.7	999.9	99.9	999.9	41.8	123.
40.6	109.2	12109.5	200.0	-59.7	99.9	262.0	53.7	53.2	7.4	336.2	999.9	99.9	999.9	43.3	99.
43.4	114.8	12933.5	175.0	-64.1	99.9	276.3	50.6	50.2	-5.5	344.2	999.9	99.9	999.9	58.0	97.
46.6	121.0	13874.1	150.0	-63.6	99.9	280.5	30.2	29.7	-5.5	360.6	999.9	99.9	999.9	65.3	89.
50.6	127.7	15004.5	125.0	-60.3	99.9	271.8	23.6	23.6	-0.8	385.9	999.9	99.9	999.9	71.0	83.
55.2	135.0	16385.8	100.0	-61.7	99.9	279.7	15.6	15.3	-2.6	408.6	999.9	99.9	999.9	77.2	93.
61.1	143.3	18173.2	75.0	-62.3	99.9	266.8	7.2	7.2	0.4	442.3	999.9	99.9	999.9	81.5	73.
69.7	152.5	20723.7	50.0	-56.9	99.9	168.2	4.1	-0.8	4.0	509.4	999.9	99.9	999.9	91.5	27.
84.1	162.5	25182.5	25.0	-49.5	99.9	190.1	5.9	1.0	5.8	642.7	999.9	99.9	999.9	79.5	97.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
 SALEM, ILLINOIS

 21 MAY 1979
 805 GMT

164 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	175.0	593.9	15.6	8.6	360.0	6.7	0.0	-6.7	289.2	307.8	7.1	63.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	9.0	338.2	975.0	15.8	7.2	999.9	99.9	99.9	99.9	291.0	308.4	6.6	56.6	999.9	999.9
1.3	11.4	558.6	950.0	14.8	5.0	999.9	99.9	99.9	99.9	292.2	307.8	5.8	52.0	999.9	999.9
2.2	13.7	784.6	925.0	15.6	4.8	20.7	10.9	-3.9	-10.2	295.2	311.2	5.9	48.9	1.9	192.
3.0	16.1	1016.4	900.0	13.9	5.6	20.4	8.9	-3.1	-8.4	295.2	313.2	6.4	57.3	2.2	194.
3.8	18.5	1253.7	875.0	12.2	7.1	4.9	8.6	-0.7	-8.6	296.4	316.0	7.3	71.1	2.7	194.
4.7	20.9	1496.2	850.0	10.8	7.0	353.9	5.6	0.6	-5.6	297.4	317.5	7.4	77.3	3.0	192.
5.5	23.3	1745.0	825.0	9.2	7.0	4.6	2.7	-0.2	-2.7	298.3	319.1	7.7	86.4	3.2	191.
6.4	25.8	1999.8	800.0	8.6	-4.7	336.4	2.6	1.1	-2.4	300.2	310.4	3.5	40.6	3.2	191.
7.2	28.3	2242.3	775.0	8.1	-6.8	333.3	5.6	2.5	-5.0	302.5	311.2	3.0	34.0	3.4	188.
8.2	30.9	2531.9	750.0	6.5	-8.2	339.2	5.2	1.9	-4.9	303.6	311.7	2.8	34.1	3.7	186.
9.2	33.6	2809.3	725.0	4.8	-8.6	313.2	4.5	3.3	-3.1	304.7	312.9	2.8	37.2	4.0	183.
10.2	36.2	3054.4	700.0	3.3	-19.1	305.5	6.3	5.1	-3.7	306.1	310.0	1.2	18.2	4.1	180.
11.3	39.9	3389.1	675.0	3.4	-23.8	308.8	7.7	6.0	-4.8	309.5	310.6	0.3	4.5	4.4	175.
12.3	41.7	3694.3	650.0	1.7	-34.8	319.0	8.1	5.3	-6.1	310.9	312.0	0.3	4.5	4.4	171.
13.4	44.4	4008.7	625.0	-0.7	-35.9	326.8	7.1	3.9	-6.0	311.7	312.6	0.3	4.8	5.3	169.
14.6	47.3	4332.6	600.0	-3.6	-37.4	316.2	7.3	5.1	-5.3	311.9	312.8	0.3	5.2	5.7	167.
15.9	50.2	4667.4	575.0	-5.7	-31.2	298.4	8.1	7.2	-3.9	313.3	315.0	0.5	11.3	6.1	163.
17.1	53.2	5013.6	550.0	-9.1	-29.1	287.2	9.3	8.8	-2.7	313.2	315.4	0.6	17.9	6.6	159.
18.3	56.3	5371.8	525.0	-11.3	-19.2	274.7	11.0	10.9	-0.9	314.6	319.9	1.6	52.8	7.0	154.
19.5	59.4	5745.3	500.0	-13.0	-23.6	278.0	11.9	11.8	-1.7	317.2	320.9	1.1	40.5	7.5	148.
20.8	62.6	6134.4	475.0	-15.7	-32.0	282.3	12.8	12.5	-2.7	318.6	320.5	0.5	23.1	8.1	143.
22.1	65.9	6540.5	450.0	-17.9	-31.4	283.4	15.0	14.6	-3.5	320.7	322.9	0.6	29.5	9.1	139.
23.6	69.3	6965.3	425.0	-21.0	-31.8	274.0	15.0	15.0	-1.0	322.1	324.2	0.6	37.0	10.1	134.
25.3	72.7	7409.4	400.0	-25.4	-32.6	280.3	16.4	16.2	-2.9	322.0	324.1	0.6	50.7	11.3	129.
26.9	76.3	7874.2	375.0	-28.8	-33.4	289.5	23.4	22.1	-7.8	323.4	325.5	0.6	64.8	13.0	126.
28.4	80.1	8365.6	350.0	-31.1	-36.7	284.8	33.7	32.6	-8.6	326.9	328.5	0.5	57.3	15.5	123.
30.0	84.0	8889.9	325.0	-33.0	-37.2	273.1	39.7	39.7	-2.2	331.2	332.9	0.5	65.6	18.9	118.
31.7	88.0	9447.1	300.0	-38.3	-40.5	266.6	41.8	41.7	2.5	331.4	332.8	0.4	79.1	22.5	113.
33.3	92.3	10039.8	275.0	-43.4	99.9	259.1	43.4	42.6	8.2	332.4	332.9	99.9	99.9	26.2	109.
35.3	96.8	10673.6	250.0	-48.9	99.9	261.7	45.5	45.0	6.6	333.4	333.4	99.9	99.9	30.9	104.
37.6	101.6	11356.4	225.0	-54.7	99.9	259.2	47.7	46.8	8.9	334.7	334.7	99.9	99.9	36.9	100.
40.1	106.8	12095.2	200.0	-61.2	99.9	262.4	50.9	50.5	6.7	335.6	335.6	99.9	99.9	44.0	97.
42.7	112.2	12919.5	175.0	-65.2	99.9	276.2	48.6	48.3	-5.3	342.3	342.3	99.9	99.9	51.7	95.
45.9	118.5	13860.3	150.0	-63.7	99.9	287.0	34.4	32.9	-10.1	360.4	360.4	99.9	99.9	60.3	97.
49.8	125.2	14991.5	125.0	-60.9	99.9	283.0	17.2	16.7	-3.9	364.7	364.7	99.9	99.9	64.9	97.
54.4	133.0	16368.1	100.0	-60.3	99.9	269.7	16.4	16.4	0.1	411.2	411.2	99.9	99.9	70.0	97.
60.3	142.0	18143.3	75.0	-64.1	99.9	245.8	9.1	8.3	3.7	438.6	438.6	99.9	99.9	74.5	97.
68.5	152.3	20694.9	50.0	-55.8	99.9	265.6	4.4	4.3	0.3	512.1	512.1	99.9	99.9	75.9	96.
81.6	153.5	25139.5	25.0	-51.5	99.9	351.1	4.1	0.6	-4.1	636.8	636.8	99.9	99.9	74.5	95.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS21 MAY 1979
1105 GMT

161 11. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T OG K	E POT T OG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	175.0	995.6	12.8	7.9	40.0	5.1	-3.3	-3.9	264.3	303.0	6.7	72.0	0.0	0.
9.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	9.3	351.0	975.0	12.4	6.7	99.9	99.9	99.9	99.9	287.6	304.3	6.4	68.4	999.9	999.9
1.3	11.5	562.7	950.0	11.3	6.3	99.9	99.9	99.9	99.9	288.7	305.7	6.3	71.1	999.9	999.9
2.2	13.9	791.1	925.0	10.4	6.0	99.9	99.9	99.9	99.9	290.8	306.7	6.4	74.1	999.9	999.9
3.1	16.4	1021.0	900.0	14.2	-7.2	1.0	4.1	-0.1	-6.1	296.2	308.1	2.8	24.6	2.5 203.	
3.9	18.8	1258.4	875.0	13.0	5.6	339.2	5.8	2.1	-5.4	297.3	315.1	6.5	60.6	2.5 203.	
4.9	21.3	1501.4	850.0	11.0	7.8	327.7	6.6	3.6	-5.7	297.8	318.9	7.9	81.0	2.7 198.	
5.7	23.8	1750.2	825.0	9.3	6.4	307.1	5.7	4.5	-3.4	298.4	318.6	7.4	83.2	2.8 192.	
6.6	26.3	2005.5	800.0	9.2	-0.5	309.6	6.0	4.6	-3.8	301.0	314.1	4.7	50.9	3.0 187.	
7.5	28.8	2268.2	775.0	8.2	-6.3	298.2	5.3	4.7	-2.5	302.6	311.6	3.1	35.1	3.2 181.	
8.6	31.4	2538.2	750.0	6.2	-7.2	294.9	5.3	4.8	-2.2	303.3	312.0	3.0	37.4	3.3 177.	
9.6	34.0	2815.0	725.0	4.6	-27.2	304.3	6.7	5.5	-3.8	304.5	306.3	0.6	7.7	3.5 171.	
10.6	36.7	3100.7	700.0	4.5	-47.2	302.0	6.7	5.7	-3.6	307.4	307.7	0.1	1.0	3.8 167.	
11.7	39.4	3395.9	675.0	2.9	-48.1	296.5	6.7	6.0	-3.0	308.9	309.2	0.1	1.0	4.1 162.	
12.7	42.2	3700.5	650.0	2.1	-48.6	296.9	6.8	6.1	-3.1	311.0	311.7	0.1	1.0	4.4 158.	
13.8	45.0	4015.2	625.0	-0.5	-50.3	304.2	6.8	5.6	-3.8	311.9	312.1	0.1	1.0	4.8 155.	
15.0	47.9	4339.5	600.0	-3.5	-43.5	307.6	7.2	5.7	-4.4	312.1	312.5	0.1	2.8	5.2 153.	
16.2	50.8	4674.2	575.0	-6.3	-30.6	302.1	7.4	6.3	-3.9	312.7	314.4	0.5	12.6	5.7 150.	
17.5	53.8	5020.1	550.0	-9.0	-32.4	287.3	7.1	6.8	-2.1	313.5	315.0	0.5	12.9	6.1 147.	
18.8	56.9	5378.8	525.0	-11.0	-22.2	291.4	11.2	10.4	-4.1	315.2	319.2	1.2	39.1	6.6 144.	
20.0	60.0	5752.0	500.0	-13.5	-23.1	294.9	12.4	11.5	-4.6	316.6	320.5	1.2	43.8	7.5 140.	
21.3	62.3	6141.3	475.0	-15.5	-32.4	284.0	12.8	12.4	-3.1	318.7	323.6	0.5	21.9	8.3 136.	
22.8	65.6	6547.0	450.0	-18.8	-34.0	273.9	13.7	13.7	-0.9	319.7	321.3	0.5	24.6	9.3 132.	
24.4	70.0	6970.4	425.0	-21.4	-30.9	269.2	15.1	15.1	-0.2	321.6	323.9	0.7	41.8	10.4 127.	
25.9	73.6	7414.6	400.0	-25.3	-35.6	272.0	16.2	16.2	-0.6	322.1	323.7	0.5	37.5	11.5 123.	
27.5	77.3	7879.1	375.0	-29.1	-40.9	283.0	19.1	18.6	-4.3	323.1	324.1	0.3	30.7	13.0 120.	
29.2	81.0	8370.1	350.0	-30.7	-36.3	281.6	25.1	28.5	-5.9	327.4	329.2	0.5	57.5	15.3 118.	
31.0	85.0	8894.4	325.0	-33.7	-38.3	273.1	35.1	35.1	-1.9	330.2	331.8	0.4	63.0	16.7 114.	
32.9	89.2	9451.0	300.0	-38.5	-42.6	267.7	37.4	37.4	1.5	331.1	332.1	0.3	65.2	22.5 109.	
35.1	93.5	10433.9	275.0	-43.2	99.9	259.6	39.9	39.3	7.2	332.7	333.9	99.9	99.9	27.1 105.	
37.2	98.0	10677.5	250.0	-49.1	99.9	258.5	41.1	40.3	8.2	333.1	333.9	99.9	99.9	31.9 100.	
39.7	102.8	11359.5	225.0	-54.9	99.9	265.5	44.8	44.6	3.5	334.4	334.9	99.9	99.9	38.0 97.	
42.2	108.0	12101.3	200.0	-61.2	99.9	270.0	47.0	47.0	-0.0	335.5	335.9	99.9	99.9	44.8 96.	
45.0	113.7	12922.2	175.0	-64.1	99.9	282.1	48.5	47.4	-10.2	344.1	344.9	99.9	99.9	53.1 96.	
48.5	119.7	13871.0	150.0	-60.8	99.9	294.7	29.9	27.2	-12.5	365.6	365.9	99.9	99.9	61.9 98.	
52.5	126.5	15068.7	125.0	-60.8	99.9	267.7	15.8	15.8	0.6	384.9	384.9	99.9	99.9	65.7 98.	
57.3	134.0	16397.1	100.0	-60.6	99.9	270.4	18.6	18.6	-0.1	410.6	410.6	99.9	99.9	71.2 97.	
63.1	142.3	19185.0	75.0	-59.2	99.9	254.8	9.4	9.1	2.5	448.4	448.4	99.9	99.9	75.4 97.	
71.1	151.7	20755.6	50.0	-55.7	99.9	240.2	5.3	4.6	2.6	512.3	512.3	99.9	99.9	78.1 96.	
83.6	161.5	25224.7	25.0	-51.1	99.9	14.5	4.0	-1.0	-3.9	638.0	638.0	99.9	99.9	76.0 97.	

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
 DODGE CITY, KANSAS

 20 MAY 1979
 1115 GMT

154 6. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.5	791.0	921.8	14.4	14.4	60.0	5.1	-4.4	-2.5	294.3	323.8	11.3	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	17.6	993.1	900.0	12.3	12.1	51.2	7.0	-5.4	-4.4	294.2	320.3	9.9	98.5	0.4	228.
1.8	20.0	1225.5	875.0	11.3	11.1	44.2	7.4	-5.1	-5.3	295.6	320.8	9.5	98.2	0.8	230.
2.7	22.4	1473.8	850.0	13.3	13.1	24.5	7.8	-3.2	-7.1	300.1	330.2	11.2	98.3	1.2	224.
3.6	25.0	1725.5	825.0	12.3	12.0	19.1	7.4	-2.4	-7.0	301.6	330.7	10.8	98.3	1.6	218.
4.6	27.6	1984.0	800.0	11.0	10.5	20.1	6.7	-2.3	-6.3	302.9	330.3	10.0	96.4	2.0	214.
5.6	30.1	2249.3	775.0	10.1	8.7	22.2	6.4	-2.4	-6.0	304.6	330.4	9.2	91.3	2.4	212.
6.6	32.6	2522.4	750.0	8.6	6.9	14.2	5.7	-1.4	-5.5	306.0	329.4	8.4	88.9	2.8	210.
7.6	35.3	2802.9	725.0	7.1	5.5	352.8	4.8	0.6	-4.8	307.3	329.4	7.9	89.1	3.0	208.
8.6	38.0	3091.1	700.0	5.3	2.4	305.2	5.4	4.4	-3.1	308.4	327.0	6.5	81.4	3.2	204.
9.6	40.8	3388.0	675.0	4.0	-4.5	285.2	6.5	6.3	-1.7	310.2	322.2	4.1	53.8	3.2	197.
10.6	43.6	3694.1	650.0	2.0	-5.6	265.1	7.7	7.5	-2.0	311.2	322.7	3.9	50.9	3.2	190.
11.8	46.5	4009.9	625.0	0.1	-5.2	291.4	10.3	9.6	-3.7	312.6	325.0	4.2	67.6	3.3	179.
12.9	49.4	4335.8	600.0	-2.6	-3.7	285.3	11.7	11.2	-3.3	313.1	327.5	4.9	92.2	3.7	168.
14.3	52.4	4672.6	575.0	-5.0	-6.6	278.9	12.3	12.1	-1.9	314.2	326.4	4.1	88.1	4.1	156.
15.4	55.4	5021.2	550.0	-6.9	-10.6	269.1	13.6	13.6	0.2	315.9	325.4	3.1	78.8	4.7	146.
16.8	58.6	5383.2	525.0	-9.2	-11.0	254.8	14.6	14.1	3.8	317.3	327.1	3.1	86.8	5.3	135.
18.2	61.8	5759.1	500.0	-12.0	-12.9	247.0	16.7	15.4	6.5	318.5	327.3	2.8	92.7	5.9	123.
19.6	65.1	6150.5	475.0	-13.6	-23.5	250.4	19.2	18.1	6.5	321.2	325.2	1.2	42.8	6.9	113.
21.1	68.4	6559.5	450.0	-16.5	-59.8	259.2	20.9	20.5	3.9	322.5	322.6	0.0	1.1	8.3	105.
22.5	71.9	6986.0	425.0	-20.2	-39.5	254.9	22.1	21.4	5.7	323.2	324.2	0.3	15.8	10.1	101.
24.1	75.5	7433.1	400.0	-22.9	-39.3	243.1	23.0	21.4	8.6	325.2	326.4	0.3	21.4	12.0	95.
25.8	79.3	7902.4	375.0	-27.2	-41.8	243.7	25.0	23.3	9.1	325.6	326.6	0.3	23.3	14.2	91.
27.8	83.1	8395.8	350.0	-30.5	-42.2	246.1	30.3	27.7	12.2	327.6	328.6	0.3	30.5	17.2	87.
29.7	87.0	8917.9	325.0	-34.6	-41.9	241.8	32.3	28.4	15.2	329.0	330.1	0.3	48.8	20.6	83.
31.7	91.2	9471.9	300.0	-39.1	-49.9	242.6	32.7	29.0	15.1	330.3	330.9	99.9	99.9	24.3	79.
33.6	95.5	10062.4	275.0	-43.7	-59.9	242.4	32.7	29.0	15.2	331.9	330.9	99.9	99.9	28.0	77.
36.0	103.2	10696.6	250.0	-48.3	-69.9	242.2	35.0	32.0	14.1	334.3	330.9	99.9	99.9	32.5	75.
38.5	105.2	11385.1	225.0	-52.0	-79.9	248.0	34.3	31.8	12.6	338.6	330.9	99.9	99.9	37.8	74.
41.1	110.4	12130.6	200.0	-57.4	-89.9	248.5	34.3	31.9	12.6	341.9	330.9	99.9	99.9	43.1	73.
44.0	116.0	12970.8	175.0	-62.8	-99.9	252.9	34.9	33.4	10.3	346.3	330.9	99.9	99.9	49.3	73.
47.3	122.2	13910.5	150.0	-67.1	-99.9	243.1	28.4	25.4	12.9	354.6	330.9	99.9	99.9	55.5	73.
51.2	128.7	15014.5	125.0	-65.8	-99.9	253.4	26.4	25.3	7.5	375.6	330.9	99.9	99.9	62.3	72.
55.9	136.0	16399.5	100.0	-59.1	-99.9	262.0	16.9	16.8	2.4	413.6	330.9	99.9	99.9	68.3	72.
61.5	144.3	18173.0	75.0	-63.8	-99.9	293.7	8.8	8.1	-3.6	439.2	330.9	99.9	99.9	72.7	73.
68.9	152.7	20719.1	50.0	-57.2	-99.9	248.4	4.9	4.5	2.0	508.7	330.9	99.9	99.9	74.6	73.
80.3	161.7	25183.0	25.0	-51.3	-99.9	228.4	4.9	3.7	3.3	637.7	330.9	99.9	99.9	75.6	73.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
 DODGE CITY, KANSAS

 20 MAY 1979
 1415 GMT

TIME MIN	CNTCT	HEIGHT GMM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.4	791.0	923.6	14.4	14.4	50.0	7.7	-5.9	-4.9	294.2	323.6	11.3	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
0.9	17.8	1008.3	900.0	10.9	9.9	54.2	8.5	-6.9	-9.0	292.8	315.3	8.6	93.7	0.5	224.
1.7	23.3	1243.7	875.0	10.3	9.5	48.4	14.3	-10.7	-9.5	294.2	317.2	8.6	94.6	1.2	226.
2.7	22.7	1425.5	850.0	10.5	8.7	53.3	15.0	-12.1	-9.0	297.1	319.6	8.4	89.0	2.0	228.
3.6	25.2	1734.7	825.0	10.8	5.7	59.7	15.3	-13.2	-7.7	300.0	319.2	7.0	71.2	2.8	230.
4.4	27.8	1991.1	800.0	9.6	4.5	63.1	14.0	-12.5	-6.4	303.4	319.7	6.6	70.2	3.6	233.
5.3	30.4	2254.8	775.0	8.6	5.0	60.8	10.0	-8.7	-4.9	303.1	322.9	7.1	78.0	4.2	234.
6.2	33.0	2525.6	750.0	6.9	4.8	68.2	7.6	-7.0	-2.8	304.1	324.2	7.2	86.7	4.7	235.
7.3	35.7	2804.5	725.0	5.7	3.7	100.6	3.1	-3.1	0.6	303.7	325.2	6.9	86.8	5.0	236.
8.2	38.3	3091.5	700.0	4.1	1.1	175.7	2.0	-0.1	1.9	307.1	324.1	6.0	80.7	5.0	238.
9.2	41.1	3382.7	675.0	2.1	-3.8	235.1	4.0	3.3	2.3	308.0	320.5	4.3	64.9	4.9	238.
10.3	43.3	3691.0	650.0	0.7	-7.0	250.1	5.8	5.4	2.0	309.6	320.2	3.5	56.0	4.5	238.
11.4	46.7	4004.8	625.0	-1.9	-6.8	265.2	7.0	6.9	0.6	310.3	321.2	3.7	69.1	4.2	236.
12.6	49.6	4328.5	600.0	-4.2	-9.5	266.9	8.9	8.9	0.5	311.2	320.6	3.1	66.7	3.7	231.
13.9	52.5	4662.9	575.0	-6.7	-14.4	266.6	10.1	10.0	0.6	312.2	322.0	3.3	80.6	3.2	224.
15.1	55.5	5009.2	550.0	-8.9	-14.5	268.9	11.8	11.8	0.2	313.6	320.6	2.3	63.6	2.6	210.
16.4	58.6	5367.9	525.0	-11.0	-15.9	268.8	12.8	12.7	0.7	315.3	321.8	2.1	66.8	2.3	189.
17.7	61.8	5740.5	500.0	-13.3	-15.0	284.0	16.4	16.4	1.7	316.9	317.8	0.3	10.0	2.3	162.
19.1	65.0	6125.8	475.0	-15.2	-15.6	250.5	21.5	20.3	7.2	319.2	319.4	0.0	1.7	2.9	127.
20.5	69.3	6535.9	450.0	-16.6	-14.0	259.8	20.8	20.1	5.1	319.8	320.4	0.1	1.7	4.2	106.
22.1	71.7	6955.5	425.0	-21.6	-19.5	259.8	22.8	22.4	4.0	321.2	321.6	0.1	6.0	6.0	97.
23.7	75.2	7403.3	400.0	-24.8	-17.5	254.7	26.1	25.2	6.9	323.7	323.2	0.1	9.9	8.3	92.
25.4	78.9	7868.9	375.0	-28.8	-19.1	255.0	26.1	25.2	6.8	323.4	324.8	0.4	40.1	11.0	87.
27.2	82.7	8356.5	350.0	-33.1	-14.7	255.2	27.7	26.8	7.1	324.2	324.9	0.2	30.5	13.6	85.
28.9	86.5	8878.7	325.0	-36.3	-73.4	255.2	32.5	31.4	8.3	324.6	326.6	0.0	1.0	16.8	83.
31.0	90.7	9425.9	300.0	-41.4	99.9	255.1	33.1	31.8	9.1	327.1	999.9	99.9	999.9	20.9	82.
33.0	95.0	10011.1	275.0	-45.4	99.9	266.8	33.9	31.2	13.4	325.6	999.9	99.9	999.9	24.7	80.
35.3	99.5	10640.4	250.0	-45.8	99.9	266.5	36.3	33.3	14.5	332.1	999.9	99.9	999.9	29.4	77.
37.8	104.3	11323.9	225.0	-54.3	99.9	248.2	37.8	35.2	14.0	335.2	999.9	99.9	999.9	35.1	76.
40.2	109.4	12076.4	200.0	-59.5	99.9	252.5	40.6	38.7	12.2	338.5	999.9	99.9	999.9	40.6	75.
42.9	115.0	12896.9	175.0	-63.5	99.9	256.9	34.1	33.0	8.9	345.1	999.9	99.9	999.9	47.1	75.
46.0	121.0	13835.9	150.0	-64.3	99.9	254.4	26.3	25.4	7.1	352.3	999.9	99.9	999.9	52.1	75.
49.7	127.7	14961.2	125.0	-60.0	99.9	258.5	22.3	21.8	4.4	385.3	999.9	99.9	999.9	57.5	75.
53.9	135.2	16346.4	100.0	-62.3	99.9	253.3	17.5	16.8	5.0	407.4	999.9	99.9	999.9	62.2	75.
59.2	143.7	18125.5	75.0	-55.8	99.9	281.1	8.6	8.5	-1.7	447.6	999.9	99.9	999.9	66.1	76.
66.9	153.5	20680.0	50.0	-56.9	99.9	215.0	4.4	2.5	3.6	509.4	999.9	99.9	999.9	67.4	75.
79.0	163.7	25166.3	25.0	-48.6	99.9	104.1	4.2	-4.1	1.0	645.5	999.9	99.9	999.9	67.1	74.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS

20 MAY 1979
1715 GMT

150 12. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	791.0	526.4	14.4	14.4	60.0	10.3	-8.9	-5.1	293.5	323.2	11.2	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	13.8	803.8	925.0	13.6	13.6	54.5	11.2	-9.1	-6.5	293.2	321.4	10.7	99.9	0.2	305.
0.0	16.0	1034.5	500.0	12.2	11.7	47.6	12.5	-9.3	-8.4	294.1	319.5	9.7	96.4	0.6	227.
1.5	18.3	1270.9	875.0	10.9	10.5	51.2	12.9	-10.0	-8.1	295.2	319.4	9.2	96.9	1.1	228.
2.3	20.5	1513.0	850.0	10.2	9.7	63.7	13.8	-12.4	-6.1	296.2	320.7	9.0	97.0	1.8	230.
3.2	22.9	1761.7	825.0	9.5	9.0	76.9	15.5	-15.1	-3.5	298.6	322.4	8.8	97.1	2.5	237.
4.1	25.2	2017.5	800.0	8.7	8.2	81.6	15.8	-15.6	-2.3	300.4	323.8	8.6	97.0	3.3	243.
5.0	27.6	2280.4	775.0	7.4	6.7	90.6	13.1	-13.1	0.1	301.2	323.8	8.0	95.5	4.1	247.
6.0	30.0	2550.5	750.0	6.9	5.3	103.2	10.3	-10.0	2.3	304.1	325.0	7.5	89.8	4.7	251.
7.0	32.4	2829.7	725.0	6.2	3.5	113.6	7.7	-7.1	3.1	306.2	325.5	6.8	83.0	5.2	255.
7.9	34.9	3117.1	700.0	4.7	2.9	140.1	4.6	-3.0	3.6	307.7	327.0	6.8	88.3	5.4	257.
8.8	37.4	3413.2	675.0	2.5	1.6	197.0	2.3	0.7	2.2	308.4	326.7	6.4	93.6	5.4	259.
9.8	40.0	3717.7	650.0	0.5	-0.2	251.4	3.2	3.0	1.0	309.5	326.3	5.8	95.3	5.3	260.
11.0	42.7	4032.2	625.0	-1.8	-4.7	260.9	5.9	5.8	0.9	310.4	323.4	4.4	81.0	5.0	260.
12.2	45.3	4356.4	600.0	-3.4	-10.3	261.4	9.3	9.2	1.4	312.2	321.0	2.9	59.0	4.4	259.
13.5	48.0	4691.3	575.0	-5.8	-19.9	255.5	12.7	12.3	3.2	313.2	317.0	1.4	31.5	3.6	260.
14.8	50.9	5038.2	550.0	-8.0	-32.8	99.9	99.9	99.9	99.9	314.6	314.8	0.1	1.9	2.5	262.
16.0	53.7	5398.1	525.0	-10.0	-56.2	999.9	99.9	99.9	99.9	316.4	316.6	0.0	1.0	999.9	999.9
17.3	56.6	5773.2	500.0	-11.8	-57.4	999.9	99.9	99.9	99.9	318.7	318.8	0.0	1.0	999.9	999.9
18.7	59.6	6123.5	475.0	-14.8	-59.3	999.9	99.9	99.9	99.9	319.7	319.2	0.0	1.0	999.9	999.9
20.2	62.6	6570.9	450.0	-17.3	-59.3	999.9	99.9	99.9	99.9	321.5	324.0	0.8	34.7	999.9	999.9
21.8	65.9	6996.3	425.0	-20.7	-58.9	999.9	99.9	99.9	99.9	322.5	322.8	0.1	5.1	999.9	999.9
23.5	69.1	7441.5	400.0	-24.3	-65.4	264.9	20.4	20.3	1.8	323.4	323.5	0.0	1.0	7.4	78.
25.0	72.4	7908.7	375.0	-27.8	-61.0	260.7	20.8	20.6	3.4	324.9	325.0	0.0	3.9	9.3	79.
26.7	76.0	8395.8	350.0	-31.9	-44.9	258.8	23.8	23.3	4.6	325.7	326.4	0.2	26.2	11.5	79.
28.6	79.6	8919.2	325.0	-35.4	-72.7	254.4	27.4	26.4	7.4	327.9	327.9	0.0	1.0	14.4	79.
30.5	83.4	9471.9	300.0	-35.7	99.9	250.2	33.6	31.6	11.4	329.4	999.9	99.9	999.9	18.0	78.
32.5	87.3	10060.8	275.0	-44.5	99.9	245.2	36.0	32.7	15.1	330.7	999.9	99.9	999.9	22.0	76.
34.4	91.5	10651.8	250.0	-45.4	99.9	242.4	39.1	34.7	18.1	332.6	999.9	99.9	999.9	26.3	74.
36.7	96.0	11372.5	225.0	-53.4	99.9	244.4	42.9	38.7	18.5	336.2	999.9	99.9	999.9	31.9	72.
39.1	100.6	12126.5	200.0	-58.3	99.9	250.1	42.0	39.5	14.3	340.4	999.9	99.9	999.9	38.2	71.
41.7	105.8	12956.9	175.0	-62.7	99.9	252.3	31.5	30.0	9.6	346.4	999.9	99.9	999.9	43.7	71.
44.4	111.3	13901.6	150.0	-62.7	99.9	251.1	29.0	27.5	9.4	352.1	999.9	99.9	999.9	48.9	71.
47.8	117.5	15030.8	125.0	-60.6	99.9	251.0	18.6	17.6	6.0	355.3	999.9	99.9	999.9	53.5	71.
52.0	124.5	16421.6	100.0	-60.9	99.9	266.0	18.5	18.5	1.3	410.0	999.9	99.9	999.9	58.3	71.
56.7	132.7	18211.3	75.0	-61.6	99.9	271.3	9.0	9.0	-0.2	443.9	999.9	99.9	999.9	61.0	73.
63.4	143.0	20763.5	50.0	-55.1	99.9	189.6	5.2	0.5	5.1	513.2	999.9	99.9	999.9	63.8	72.
73.7	155.5	25271.1	25.0	-48.5	99.9	999.9	99.9	99.9	99.9	645.4	999.9	99.9	999.9	64.4	71.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
 DODGE CITY, KANSAS

 20 MAY 1979
 2015 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	791.0	926.0	16.1	11.1	50.0	6.7	-5.1	-4.3	295.7	319.6	9.0	72.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	12.3	800.2	925.0	15.9	11.1	50.2	7.3	-5.6	-4.7	295.6	319.6	9.1	73.4	0.0	346.
0.8	14.5	1032.2	900.0	12.8	11.6	55.4	12.3	-10.1	-7.0	294.7	320.1	9.6	92.3	0.6	233.
1.7	16.6	1268.9	875.0	11.3	10.5	59.7	12.4	-10.7	-6.3	295.6	319.9	9.2	94.6	1.2	236.
2.6	18.9	1511.3	850.0	10.6	10.0	63.7	12.4	-11.1	-5.5	297.2	321.7	9.1	96.1	1.9	238.
3.4	21.1	1760.3	825.0	10.1	8.8	73.1	12.8	-12.3	-3.7	299.3	322.8	8.7	91.6	2.5	240.
4.3	23.4	2016.4	800.0	8.9	7.4	80.1	11.0	-10.8	-1.9	300.6	323.8	8.1	90.6	3.2	244.
5.3	25.6	2279.4	775.0	7.8	6.5	86.0	8.4	-8.4	-0.6	302.2	323.9	7.9	91.9	3.7	247.
6.3	28.0	2549.7	750.0	6.6	5.0	113.8	6.2	-5.7	2.5	303.7	324.2	7.3	89.8	4.1	249.
7.3	30.3	2828.6	725.0	6.1	3.8	153.8	4.3	-1.9	3.8	306.2	325.8	7.0	84.9	4.3	254.
8.4	32.7	3116.0	700.0	4.4	1.3	248.3	1.0	1.0	0.4	307.4	324.6	6.0	80.2	4.2	255.
9.4	35.2	3411.6	675.0	2.5	0.7	271.6	2.6	2.0	-0.1	308.5	325.8	6.0	87.9	4.2	255.
10.5	37.6	3716.4	650.0	0.5	-2.0	261.8	3.9	3.9	0.6	309.5	324.4	5.1	83.9	4.0	255.
11.8	40.2	4030.4	625.0	-1.5	-6.1	255.5	5.0	4.8	1.2	310.7	322.3	3.9	70.9	3.6	254.
12.8	42.8	4354.6	600.0	-3.8	-7.5	249.8	7.2	6.8	2.5	311.7	322.5	3.6	75.4	3.3	254.
14.0	45.4	4689.7	575.0	-5.8	-18.2	245.3	10.9	9.9	4.5	313.2	318.3	1.6	36.7	2.6	256.
15.4	48.1	5036.5	550.0	-8.2	-14.2	249.9	99.9	99.9	99.9	314.3	321.5	2.3	62.0	1.7	264.
16.7	50.9	5395.7	525.0	-10.9*	99.9	999.9	99.9	99.9	99.9	315.3	999.9	99.9	999.9	999.9	999.9
18.1	53.7	5769.5	500.0	-12.5*	99.9	999.9	99.9	99.9	99.9	317.6	999.9	99.9	999.9	999.9	999.9
19.5	56.6	6160.1	475.0	-14.2	-34.1	189.3	8.9	1.4	8.7	320.5	322.1	0.5	16.8	2.1	59.
20.9	59.6	6567.8	450.0	-17.4	-36.5	246.1	14.8	13.6	6.0	321.4	322.7	0.4	17.2	3.2	61.
22.2	62.6	6993.3	425.0	-21.0	-33.6	247.5	14.4	13.3	5.5	322.1	324.0	0.5	31.0	4.4	62.
23.7	65.8	7438.7	400.0	-23.9	-51.3	253.0	16.8	16.1	4.9	324.0	324.4	0.1	8.8	5.7	64.
25.3	69.0	7906.4	375.0	-27.3	-67.4	257.2	20.1	19.6	4.5	325.5	325.5	0.0	1.0	7.5	67.
27.0	72.6	8399.3	350.0	-31.6	-53.5	250.1	23.5	22.1	6.0	326.2	326.5	0.1	9.6	9.7	69.
28.6	75.9	8918.9	325.0	-35.7	-59.5	249.0	27.0	25.2	9.7	327.5	327.6	0.0	6.6	12.2	69.
30.4	79.6	9470.8	300.0	-40.1	99.9	246.7	32.9	30.2	13.0	328.9	999.9	99.9	999.9	15.3	69.
32.3	83.4	10059.6	275.0	-43.9	99.9	239.8	38.6	33.3	19.4	331.7	999.9	99.9	999.9	19.4	67.
34.6	87.5	10653.8	250.0	-48.3	99.9	237.1	42.1	35.4	22.8	334.2	999.9	99.9	999.9	24.8	65.
36.8	91.8	11380.1	225.0	-53.2	99.9	239.5	43.9	37.8	22.3	337.0	999.9	99.9	999.9	30.6	64.
39.2	96.4	12130.2	200.0	-58.1	99.9	243.0	39.8	35.5	18.1	340.2	999.9	99.9	999.9	36.8	63.
41.7	101.4	12961.8	175.0	-63.1	99.9	246.1	33.0	30.1	13.4	345.7	999.9	99.9	999.9	42.1	64.
44.7	106.8	13910.4	150.0	-61.2	99.9	250.9	28.0	26.5	9.2	364.7	999.9	99.9	999.9	48.0	64.
48.1	112.7	15046.1	125.0	-60.0	99.9	253.3	20.9	20.1	6.0	386.4	999.9	99.9	999.9	52.6	65.
51.3	119.7	16435.5	100.0	-60.8	99.9	255.3	17.4	16.8	4.4	410.3	999.9	99.9	999.9	57.4	66.
57.3	137.7	18216.1	75.0	-63.2	99.9	245.3	12.5	11.4	5.3	440.4	999.9	99.9	999.9	61.3	66.
64.1	137.7	20768.8	50.0	-55.8	99.9	245.3	5.2	4.7	2.2	512.0	999.9	99.9	999.9	64.2	66.
74.4	149.5	25253.8	25.0	-50.0	99.9	289.6	4.0	3.8	-1.4	641.0	999.9	99.9	999.9	66.2	65.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS
20 MAY 1979
2315 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	791.0	924.5	18.3	10.2	70.0	7.2	-6.8	-2.5	298.1	320.9	8.5	59.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	16.2	1020.8	900.0	16.5	10.7	57.6	10.3	-8.7	-5.5	298.5	322.8	9.0	68.7	0.5	236.
1.8	18.7	1260.0	875.0	14.0	10.0	55.6	11.2	-9.3	-6.3	298.3	322.1	8.8	76.9	1.1	237.
2.8	21.2	1508.1	850.0	11.7	9.3	55.0	11.4	-9.4	-6.6	298.4	321.8	8.7	85.1	1.8	235.
3.7	23.7	1753.4	825.0	9.5	7.9	59.7	11.8	-10.2	-5.9	298.7	320.8	8.2	89.8	2.4	236.
4.8	26.2	2008.7	800.0	8.1	7.3	64.7	10.7	-9.6	-4.6	299.8	321.8	8.1	94.7	3.1	237.
5.7	29.7	2270.8	775.0	7.0	6.0	69.6	9.7	-9.1	-3.4	301.3	322.2	7.6	93.5	3.7	239.
6.7	31.3	2541.4	750.0	7.4	4.6	72.1	9.6	-9.2	-3.0	305.6	324.5	7.1	82.3	4.3	240.
7.8	34.0	2820.1	725.0	5.7	2.9	68.1	7.0	-6.5	-2.6	305.8	324.2	6.5	82.1	4.9	242.
8.9	36.7	3107.3	700.0	4.1	2.2	46.2	3.6	-2.6	-2.5	307.0	325.3	6.4	87.7	5.1	242.
9.9	39.4	3402.6	675.0	2.9	0.6	301.9	1.8	1.5	-1.0	308.9	326.0	6.0	85.2	5.2	241.
10.9	42.1	3708.6	650.0	2.3	-5.1	239.5	4.9	4.2	2.5	311.5	323.5	4.0	58.2	5.1	241.
12.1	45.0	4024.8	625.0	1.0	-8.5	248.2	6.9	6.4	2.5	313.6	323.4	3.2	48.8	4.6	241.
13.4	47.9	4351.5	600.0	-2.1	-13.0	259.3	6.6	6.5	1.2	313.8	320.5	2.2	39.4	4.1	239.
14.6	50.9	4685.0	575.0	-5.1	-15.4	282.5	6.7	6.4	2.0	314.0	320.3	2.0	44.1	3.6	237.
15.8	53.9	5035.9	550.0	-7.9	-17.7	248.4	8.7	8.1	3.2	314.7	322.8	2.6	69.0	3.1	235.
17.1	57.0	5356.3	525.0	-10.3	-10.9	282.0	10.7	10.6	1.5	316.1	325.8	3.2	95.0	2.4	229.
19.3	60.1	5771.5	500.0	-12.1	-13.2	271.9	11.1	11.1	-0.4	318.3	327.0	2.8	91.6	1.9	212.
19.7	63.4	6162.3	475.0	-15.2	-22.5	283.8	11.0	11.0	1.2	319.2	322.9	1.1	44.7	1.6	185.
21.2	66.7	6569.4	450.0	-16.9	-42.8	243.0	11.8	10.5	5.3	322.8	322.8	0.2	8.4	1.5	147.
22.9	70.1	6955.5	425.0	-20.4	-28.6	238.1	12.1	10.2	6.4	322.8	325.6	0.8	46.9	1.9	111.
24.4	73.7	7441.5	400.0	-23.5	-64.2	282.5	16.0	14.2	7.4	325.5	324.5	0.0	1.1	2.9	91.
26.1	77.4	7910.4	375.0	-26.8	-52.8	241.4	22.6	20.0	10.9	328.1	326.4	0.1	7.9	4.8	80.
27.9	81.2	8404.8	350.0	-30.1	-69.2	241.0	29.6	25.9	14.3	328.2	328.2	0.0	1.0	7.4	73.
29.5	85.2	8927.6	325.0	-33.9	-43.2	235.2	32.7	26.9	18.7	330.0	330.9	0.3	38.1	10.5	69.
31.4	89.3	9484.0	300.0	-38.2	-47.5	229.0	33.3	25.1	21.8	331.8	332.2	0.2	36.7	14.0	64.
33.4	93.8	10076.5	275.0	-43.2	99.9	224.9	35.0	24.7	24.8	332.6	999.9	99.9	999.9	18.1	60.
35.6	98.4	10710.8	250.0	-48.7	99.9	227.5	37.6	27.3	25.0	333.7	999.9	99.9	999.9	22.7	57.
37.8	103.2	11394.9	225.0	-54.1	99.9	233.5	35.9	28.8	21.4	335.6	999.9	99.9	999.9	27.5	56.
40.1	109.5	12142.2	200.0	-57.8	99.9	236.1	36.1	28.5	22.3	341.2	999.9	99.9	999.9	32.5	56.
42.5	114.2	12976.3	175.0	-62.7	99.9	226.4	33.0	23.9	22.7	346.5	999.9	99.9	999.9	37.6	55.
45.9	120.5	13924.1	150.0	-63.7	99.9	229.0	25.7	19.4	16.9	360.4	999.9	99.9	999.9	43.7	53.
49.4	127.3	15045.1	125.0	-64.8	99.9	250.5	23.3	22.0	7.8	377.7	999.9	99.9	999.9	48.6	54.
53.9	135.0	16408.1	100.0	-63.3	99.9	265.9	20.7	20.6	1.5	405.4	999.9	99.9	999.9	54.2	57.
59.7	144.0	18192.2	75.0	-62.4	99.9	293.0	10.6	9.8	-4.1	442.1	999.9	99.9	999.9	58.0	60.
67.3	153.7	20763.5	50.0	-54.4	99.9	230.7	2.4	1.8	1.5	515.4	999.9	99.9	999.9	59.3	61.
79.1	163.7	25244.2	25.0	-51.4	99.9	292.2	2.6	2.4	-1.0	637.2	999.9	99.9	999.9	60.0	61.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
 DODGE CITY, KANSAS

 21 MAY 1979
 205 GMT

148 9. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.3	791.0	926.1	16.1	8.3	60.0	7.2	-6.2	-3.6	295.7	315.8	7.5	60.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	13.4	801.1	925.0	16.0	8.5	999.9	99.9	99.9	99.9	295.7	316.0	7.6	61.3	999.9	999.9
0.0	15.5	1033.7	900.0	14.6	9.5	999.9	99.9	99.9	99.9	296.5	318.9	8.3	71.7	999.9	999.9
1.8	17.8	1271.4	875.0	12.3	9.3	999.9	99.9	99.9	99.9	298.5	319.2	8.5	82.2	999.9	999.9
2.7	20.1	1513.9	850.0	9.7	8.5	999.9	99.9	99.9	99.9	296.4	318.4	8.2	91.7	999.9	999.9
3.5	22.4	1762.0	825.0	8.5	7.4	999.9	99.9	99.9	99.9	297.6	318.8	7.9	92.8	999.9	999.9
4.4	24.7	2016.3	800.0	6.9	5.8	999.9	99.9	99.9	99.9	298.5	318.3	7.3	93.1	3.4	246.
5.3	27.1	2277.2	775.0	5.8	4.7	103.2	11.9	-11.6	2.7	300.0	319.2	7.0	92.9	4.0	252.
6.3	29.5	2545.2	750.0	4.6	-7.1	100.0	10.0	-9.9	1.7	301.6	310.9	3.2	44.0	4.5	256.
7.3	31.9	2822.3	725.0	4.7	3.0	100.7	8.2	-8.0	1.5	304.6	323.1	6.6	88.4	5.0	258.
8.4	34.4	3108.3	700.0	3.5	1.8	94.9	4.9	-4.9	0.4	306.4	324.1	6.2	88.3	5.4	260.
9.4	36.9	3403.5	675.0	1.9	0.3	46.3	3.4	-2.4	-2.3	307.6	324.5	5.8	89.4	5.7	260.
10.6	39.4	3707.9	650.0	0.6	-2.4	333.8	2.6	1.1	-2.3	309.7	324.2	5.0	80.1	5.8	258.
11.6	42.0	4022.3	625.0	-0.5	-6.5	294.3	4.3	3.9	-1.8	311.9	323.2	3.8	63.8	5.6	257.
12.8	44.7	4347.9	600.0	-3.1	-9.0	292.3	6.1	5.7	-2.3	312.6	322.3	3.2	63.3	5.3	255.
14.0	47.4	4683.4	575.0	-5.9	-8.2	281.4	6.8	6.7	-1.3	313.1	323.9	3.6	63.5	4.9	252.
15.2	50.1	5030.9	550.0	-7.8	-9.6	281.1	6.6	6.4	-1.3	314.9	325.1	3.4	86.4	4.5	249.
16.5	53.0	5391.7	525.0	-9.9	-13.6	291.1	6.9	6.4	-2.5	316.5	324.5	2.6	74.4	4.1	245.
17.9	55.9	5766.5	500.0	-11.9	-18.3	283.5	7.9	7.7	-1.8	318.5	324.3	1.8	58.9	3.7	237.
19.4	58.8	6158.3	475.0	-13.2	-33.0	268.2	9.1	9.1	0.3	321.7	323.4	0.5	17.0	3.1	229.
20.8	61.9	6567.0	450.0	-17.0	-32.9	264.4	13.0	13.0	1.3	321.6	323.7	0.5	23.5	2.5	217.
22.4	65.0	6993.6	425.0	-19.2	-28.5	253.4	19.7	18.9	5.6	324.3	327.2	0.6	43.2	1.7	178.
24.0	68.3	7441.7	400.0	-23.0	-31.3	242.1	23.3	20.6	10.9	325.1	327.5	0.7	46.4	2.2	113.
25.6	71.6	7911.3	375.0	-26.7	-34.6	236.6	25.0	20.9	13.8	326.2	328.2	0.5	47.0	4.0	85.
27.2	75.0	8405.6	350.0	-30.0	-37.3	230.7	30.1	21.3	19.1	328.4	329.9	0.4	48.6	6.3	73.
29.0	78.6	8929.6	325.0	-34.0	-39.9	225.1	33.0	23.0	23.7	329.8	331.2	0.4	54.6	9.7	63.
31.2	82.3	9484.7	300.0	-38.9	-45.2	225.5	35.5	23.5	22.4	330.6	331.4	0.2	51.0	13.7	58.
33.3	86.2	10075.3	275.0	-43.7	-49.9	233.3	31.3	25.1	18.7	331.9	332.9	99.9	999.9	17.7	56.
35.5	90.3	10708.0	250.0	-49.2	-54.0	237.5	28.8	24.3	15.5	332.9	335.6	99.9	999.9	25.3	56.
37.7	94.7	11392.4	225.0	-54.0	-59.9	236.8	25.3	21.1	13.9	335.6	339.9	99.9	999.9	35.1	56.
40.0	99.3	12136.8	200.0	-60.5	-64.8	228.2	33.4	24.1	23.1	337.0	343.1	99.9	999.9	34.7	54.
42.6	104.3	12959.2	175.0	-64.8	-69.9	224.3	33.4	24.0	24.6	343.1	359.2	99.9	999.9	40.4	53.
45.7	109.8	13901.7	150.0	-64.4	-74.7	241.7	28.8	23.6	12.7	359.2	369.9	99.9	999.9	45.4	55.
49.4	116.0	15013.3	125.0	-64.0	-79.9	259.1	25.0	24.5	4.7	379.1	399.9	99.9	999.9	51.2	59.
54.2	123.0	16392.2	100.0	-60.1	-84.0	264.0	17.6	17.5	1.8	411.5	436.3	99.9	999.9	54.9	61.
59.6	131.0	18176.7	75.0	-65.1	-89.9	284.5	9.8	9.4	-2.8	436.3	460.2	99.9	999.9	56.0	63.
67.7	141.0	20712.5	50.0	-56.6	-99.9	121.4	3.0	-2.6	1.6	510.2	539.9	99.9	999.9	55.8	63.
80.7	152.5	25157.5	25.0	-50.0	-99.9	284.0	4.3	4.2	-1.0	641.1	699.9	99.9	999.9		

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
 DODGE CITY, KANSAS

 21 MAY 1979
 505 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	791.0	926.5	13.3	7.3	40.0	5.1	-3.3	-3.9	292.6	311.3	7.0	67.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	12.9	804.7	925.0	13.3	7.7	40.5	9.8	-6.3	-7.4	292.9	312.0	7.2	68.7	0.3	272.
0.9	15.3	1035.5	900.0	12.9	8.3	50.4	13.5	-10.4	-8.6	294.6	315.4	7.7	73.7	0.8	216.
1.8	17.8	1272.7	875.0	12.3	7.5	68.7	14.6	-13.6	-5.3	296.6	316.7	7.5	72.3	999.9	999.9
2.7	20.3	1515.5	850.0	10.7	7.7	76.7	15.2	-14.8	-3.5	297.3	318.4	7.8	81.8	2.3	238.
3.7	22.8	1764.4	825.0	5.3	8.9	86.3	13.1	-13.1	-0.8	298.4	322.0	8.7	97.6	3.1	244.
4.6	25.3	2019.5	800.0	7.8	7.2	96.0	13.5	-13.4	1.4	299.4	321.3	9.0	96.5	3.7	249.
5.6	27.9	2281.2	775.0	6.7	-3.7	115.7	13.0	-11.7	5.7	301.0	312.0	3.9	48.7	4.4	254.
6.5	30.5	2551.5	750.0	7.4	0.8	129.0	12.2	-9.5	7.7	304.6	320.1	5.4	63.0	4.9	261.
7.6	33.2	2830.2	725.0	5.6	3.2	130.3	10.8	-8.2	7.0	305.6	324.3	6.7	84.5	5.4	267.
8.8	35.9	3117.1	700.0	4.2	2.6	124.5	9.3	-7.7	5.3	307.1	325.9	6.0	89.6	5.9	271.
9.9	39.7	3412.4	675.0	2.0	1.6	115.2	7.4	-6.7	3.2	307.5	326.2	6.4	97.5	6.4	274.
10.9	41.4	3716.5	650.0	-0.1	-0.5	103.8	4.6	-4.4	1.1	308.6	325.3	5.7	97.3	6.8	275.
12.0	44.4	4030.3	625.0	-1.5	-3.6	96.0	2.7	-2.7	0.3	310.6	324.5	4.7	85.2	7.0	275.
13.0	47.3	4354.7	600.0	-3.9	-6.5	26.6	2.1	-0.9	-1.8	311.6	325.1	4.6	96.0	7.1	275.
14.3	50.4	4685.7	575.0	-6.2	-8.5	324.5	4.0	2.3	-3.3	312.7	323.3	3.5	84.2	7.0	273.
15.4	53.4	5036.9	550.0	-7.0	-10.9	314.9	5.3	3.7	-3.7	315.6	325.1	3.0	73.9	6.8	271.
16.8	56.6	5398.5	525.0	-9.7	-12.4	303.7	6.2	5.1	-3.4	316.7	325.5	2.8	80.9	6.4	269.
18.2	59.8	5773.7	500.0	-12.3	-14.5	289.0	7.2	6.8	-2.4	318.1	325.9	2.5	83.2	6.0	266.
19.6	63.1	6164.3	475.0	-14.5	-20.5	276.3	10.1	10.0	-1.1	320.1	325.2	1.6	60.0	5.3	264.
21.0	66.6	6572.4	450.0	-17.1	-22.4	273.0	14.6	14.6	-0.8	321.6	326.4	1.4	62.9	4.3	262.
22.3	70.1	6996.6	425.0	-19.7	-23.7	263.6	18.1	17.9	2.0	323.6	328.2	1.3	69.9	2.9	259.
23.9	73.7	7447.5	400.0	-23.0	-26.1	999.9	99.9	99.9	99.9	325.1	328.9	1.1	75.3	1.2	255.
25.5	77.5	7917.6	375.0	-26.2	-30.8	999.9	99.9	99.9	99.9	326.9	329.6	0.8	65.2	999.9	999.9
27.2	81.3	8412.9	350.0	-30.2	-35.5	999.9	99.9	99.9	99.9	328.1	329.9	0.5	59.4	999.9	999.9
29.1	85.3	8936.1	325.0	-34.3	-41.5	999.9	99.9	99.9	99.9	329.4	330.5	0.3	48.0	999.9	999.9
31.0	89.6	9491.7	300.0	-37.8	-50.4	999.9	99.9	99.9	99.9	332.1	332.5	0.1	25.5	999.9	999.9
32.9	94.0	10085.4	275.0	-42.7	-59.9	216.2	32.6	19.2	20.3	333.3	333.9	99.9	999.9	10.2	54.
35.0	98.7	10720.9	250.0	-48.2	-69.9	210.6	36.3	18.5	31.2	334.5	334.9	99.9	999.9	14.4	48.
37.1	103.6	11407.1	225.0	-53.9	-79.9	208.8	36.6	17.6	32.0	336.6	336.9	99.9	999.9	18.9	43.
39.6	109.0	12150.6	200.0	-60.9	-99.9	215.9	36.3	21.3	29.4	336.4	336.9	99.9	999.9	24.3	40.
43.0	114.7	12975.9	175.0	-63.6	-99.9	225.0	32.4	22.9	22.9	344.7	336.9	99.9	999.9	31.5	40.
46.1	121.0	13919.2	150.0	-63.7	-99.9	226.8	24.6	22.6	9.7	360.4	336.9	99.9	999.9	35.2	42.
49.8	127.7	15037.3	125.0	-61.4	-99.9	221.6	22.6	22.6	3.3	383.6	336.9	99.9	999.9	41.6	45.
54.5	135.3	16419.1	100.0	-62.4	-99.9	272.1	14.2	14.3	-0.5	407.3	336.9	99.9	999.9	45.1	50.
60.8	144.0	18192.5	75.0	-63.9	-99.9	278.6	10.4	10.3	-1.5	439.0	336.9	99.9	999.9	48.6	54.
69.8	154.0	20716.4	50.0	-57.6	-99.9	177.1	2.6	-0.1	2.6	507.6	336.9	99.9	999.9	51.0	56.
82.6	164.5	25180.4	25.0	-50.5	-99.9	199.0	4.6	0.7	4.6	639.7	336.9	99.9	999.9	51.1	54.

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* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
 DODGE CITY, KANSAS

 21 MAY 1979
 805 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.9	791.0	926.0	12.8	5.7	60.0	6.2	-5.4	-3.1	292.2	309.0	6.2	62.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	14.0	800.1	925.0	12.6	7.7	71.6	15.7	-14.9	-5.0	292.2	311.2	7.2	72.3	0.3	229.
0.3	16.3	1029.9	900.0	11.7	8.5	73.4	16.3	-15.6	-4.7	293.6	314.1	7.8	80.6	0.6	239.
1.6	18.5	1266.1	875.0	11.6	7.0	79.2	15.9	-15.6	-3.0	293.9	315.3	7.2	73.5	1.4	249.
2.4	20.8	1508.6	850.0	10.9	9.5	89.2	14.1	-14.1	-0.2	297.6	321.3	8.9	91.2	2.1	254.
3.2	23.0	1757.6	825.0	9.4	8.9	98.5	13.0	-12.8	1.9	298.5	322.1	8.7	96.5	2.7	258.
4.1	25.4	2012.8	800.0	7.7	7.3	107.0	11.2	-10.7	3.3	299.4	321.3	8.1	97.2	3.3	263.
5.0	27.9	2274.4	775.0	4.1	5.7	110.9	10.0	-9.3	3.6	300.4	320.9	7.5	97.3	3.9	267.
6.0	30.2	2543.1	750.0	4.8	3.7	115.7	8.2	-7.4	3.6	301.8	320.2	6.7	92.6	4.3	273.
6.9	32.6	2820.4	725.0	4.9	2.6	118.4	6.7	-5.9	3.2	301.8	322.8	6.4	85.4	4.7	272.
7.9	35.1	3106.8	700.0	4.1	1.2	119.5	6.4	-5.6	3.1	307.0	324.1	6.0	81.4	5.1	274.
8.8	37.7	3402.3	675.0	1.9	0.5	110.7	5.9	-5.5	2.1	307.8	324.7	5.9	90.2	5.4	276.
9.8	40.3	3706.0	650.0	-0.5	-1.9	109.0	5.9	-5.7	1.4	308.4	323.2	5.1	90.3	5.7	276.
10.9	42.9	4018.6	625.0	-3.0	-4.9	107.8	5.5	-5.2	1.7	309.0	321.5	4.2	86.5	6.0	277.
11.8	45.6	4341.4	600.0	-4.7	-6.0	117.7	4.6	-4.1	2.1	310.7	322.8	4.1	90.4	6.4	278.
12.9	48.3	4678.7	575.0	-6.7	-8.7	74.0	1.7	-1.7	-0.5	312.2	322.6	3.5	85.7	6.5	278.
14.0	51.1	5022.2	550.0	-7.7	-9.6	328.2	1.8	0.9	-1.5	314.9	325.1	3.4	86.5	6.5	278.
15.2	54.0	5382.7	525.0	-10.0	-13.4	336.5	2.4	0.9	-2.2	318.5	324.5	2.6	75.8	6.4	277.
16.4	56.9	5757.8	500.0	-12.2	-22.0	341.6	3.3	1.0	-3.2	318.2	322.5	1.3	43.5	6.2	273.
17.7	59.9	6147.9	475.0	-15.2	-19.7	301.1	3.6	3.0	-1.8	319.1	324.5	1.7	68.3	5.9	274.
19.0	63.0	6554.5	450.0	-17.5	-17.8	248.3	7.0	6.5	2.6	321.2	327.9	2.1	57.6	5.9	274.
20.4	66.1	6979.9	425.0	-20.9	-20.3	238.7	9.9	8.2	5.0	323.2	325.7	1.0	62.0	5.3	278.
21.8	69.4	7424.8	400.0	-24.5	-29.7	239.6	9.9	8.4	5.2	323.2	325.9	0.8	61.4	4.7	285.
23.2	72.9	7891.9	375.0	-27.8	-33.1	250.0	11.2	10.5	3.8	324.9	327.0	0.6	60.2	4.0	293.
24.8	76.3	8384.4	350.0	-31.1	-36.1	251.1	15.0	14.2	4.8	324.9	328.6	0.5	60.7	3.2	307.
26.4	80.0	8905.6	325.0	-35.4	-40.9	240.7	20.9	18.2	10.2	327.5	329.1	0.3	56.6	2.8	339.
28.0	83.7	9453.1	300.0	-39.7	-45.1	225.0	23.5	16.6	16.7	329.5	330.3	0.2	55.7	4.0	11.
29.7	87.7	10047.2	275.0	-44.4	-49.9	208.9	21.9	10.6	19.2	331.0	331.0	99.9	99.9	6.2	20.
31.8	91.8	10678.3	250.0	-49.7	-54.9	202.7	27.1	12.9	25.0	332.2	332.2	99.9	99.9	9.1	21.
33.8	96.2	11359.0	225.0	-55.3	-59.9	202.0	34.5	12.9	31.9	333.6	333.6	99.9	99.9	12.8	22.
36.2	101.0	12099.3	200.0	-61.7	-65.9	207.1	36.3	16.5	32.3	335.0	335.0	99.9	99.9	18.1	22.
39.9	106.2	12925.2	175.0	-60.4	-59.9	231.7	32.9	25.8	20.4	350.3	350.3	99.9	99.9	23.5	25.
41.2	111.8	13984.7	150.0	-63.3	-59.9	253.7	25.5	24.5	7.2	361.0	361.0	99.9	99.9	28.8	31.
44.2	118.0	15015.9	125.0	-62.1	-59.9	268.0	17.3	17.3	0.6	382.5	382.5	99.9	99.9	29.1	37.
48.1	125.0	16399.8	100.0	-62.1	-59.9	260.7	14.5	14.3	2.3	402.7	402.7	99.9	99.9	31.8	41.
53.4	133.3	18173.6	75.0	-64.1	-59.9	272.2	9.5	9.5	-0.4	430.6	430.6	99.9	99.9	34.3	46.
61.5	143.3	20703.0	50.0	-57.7	-59.9	300.6	5.2	4.5	-2.7	507.7	507.7	99.9	99.9	36.9	49.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS

21 MAY 1979
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	13.8	791.0	926.1	11.7	4.7	60.0	4.1	-3.6	-2.0	291.2	306.6	5.8	62.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	13.9	800.9	925.0	11.2	4.9	64.8	7.7	-6.9	-3.3	290.8	306.4	5.9	64.8	0.1	296.
0.8	16.1	1029.4	900.0	9.6	5.8	75.6	12.7	-12.3	-3.2	291.5	308.6	6.5	77.0	0.4	243.
1.5	18.3	1263.7	875.0	10.1	7.0	87.1	15.3	-15.3	-0.8	294.3	313.6	7.2	80.8	1.0	254.
2.3	20.5	1505.3	850.0	9.8	9.1	94.6	13.7	-13.7	1.1	290.4	319.4	8.6	95.6	1.7	261.
3.2	22.8	1753.4	825.0	8.4	8.4	103.2	13.4	-13.1	3.1	297.2	320.1	8.4	100.1	2.5	267.
4.1	25.2	2007.7	800.0	6.8	6.8	103.8	11.7	-11.4	2.8	298.2	319.6	7.8	99.9	3.1	271.
4.9	27.5	2268.6	775.0	5.7	5.7	98.6	8.7	-8.6	1.3	299.9	320.3	7.4	99.7	3.6	272.
5.9	29.9	2537.1	750.0	4.9	4.9	110.1	6.0	-5.6	2.1	301.5	322.0	7.3	99.6	4.0	273.
6.7	32.3	2814.4	725.0	4.3	4.2	119.8	3.6	-1.8	3.1	304.2	324.2	7.2	99.4	4.2	275.
7.8	34.8	3100.0	700.0	2.7	2.6	117.4	2.9	-1.6	2.4	305.2	324.2	6.6	99.5	4.3	277.
9.7	37.3	3394.0	675.0	0.8	0.6	124.4	3.5	-2.9	2.0	308.2	323.5	6.0	98.9	4.4	278.
9.7	39.8	3697.2	650.0	-0.9	-1.0	116.4	3.6	-3.2	1.6	308.0	323.7	5.5	99.0	4.6	279.
10.9	42.4	4010.2	625.0	-2.6	-3.1	105.5	2.8	-2.7	0.7	309.2	323.7	4.9	96.1	4.8	280.
11.9	45.1	4333.6	600.0	-4.3	-5.1	41.2	1.8	-1.2	-1.3	311.1	321.5	3.5	74.8	4.9	280.
13.3	47.8	4668.4	575.0	-6.2	-7.8	22.4	2.7	-1.0	-2.5	312.7	322.3	3.2	75.5	5.0	278.
14.1	50.6	5015.1	550.0	-8.4	-10.2	357.7	1.8	0.1	-1.8	314.1	323.9	3.2	86.8	5.0	276.
15.3	53.4	5375.0	525.0	-10.8	-12.4	383.9	2.0	1.6	-1.1	315.4	324.1	2.8	88.3	4.9	275.
16.5	56.3	5748.4	500.0	-13.4	-15.9	325.7	3.3	1.9	-2.7	316.7	323.7	2.2	81.3	4.8	274.
17.8	59.3	6137.5	475.0	-15.7	-18.5	325.0	2.8	1.6	-2.3	318.5	324.5	1.9	79.0	4.7	271.
19.0	62.3	6543.7	450.0	-18.3	-20.8	272.4	2.8	2.8	-2.1	320.2	325.5	1.6	80.8	4.5	270.
20.2	65.4	6968.1	425.0	-21.3	-23.4	242.9	4.3	3.8	1.9	321.7	326.2	1.4	82.8	4.3	271.
21.5	68.6	7412.8	400.0	-24.7	-27.1	250.1	6.1	5.8	2.1	322.9	326.4	1.0	80.4	3.9	274.
23.0	72.0	7875.4	375.0	-28.1	-30.9	270.1	6.6	6.6	-0.0	325.4	327.0	0.8	77.0	3.4	276.
24.5	75.4	8370.5	350.0	-32.3	-36.1	280.2	8.2	8.0	-1.4	326.2	327.0	0.5	68.5	2.7	275.
26.1	79.0	8888.5	325.0	-36.6	-41.0	275.9	9.9	9.8	-1.0	326.2	327.4	0.3	63.3	1.9	274.
28.3	82.8	9437.8	300.0	-41.2	-45.9	243.6	9.6	8.6	4.3	327.3	999.9	99.9	99.9	0.8	285.
29.7	86.7	10022.7	275.0	-46.2	-50.9	213.3	15.0	8.2	12.5	328.3	999.9	99.9	99.9	1.0	357.
31.4	90.9	10647.4	250.0	-52.3	-56.9	206.8	18.3	8.3	16.3	328.4	999.9	99.9	99.9	2.8	18.
33.7	95.2	11319.0	225.0	-58.6	-63.1	206.8	21.8	9.8	19.5	328.7	999.9	99.9	99.9	5.5	22.
36.6	100.0	12053.5	200.0	-60.1	-65.1	219.5	29.7	18.9	22.9	332.6	999.9	99.9	99.9	9.8	26.
39.7	105.2	12890.6	175.0	-57.8	-62.2	227.7	28.8	26.7	10.9	354.5	999.9	99.9	99.9	15.2	36.
42.8	110.8	13850.4	150.0	-62.2	-67.2	250.9	18.1	17.9	2.9	363.0	999.9	99.9	99.9	18.4	45.
47.2	117.0	14982.9	125.0	-60.6	-65.9	267.9	15.0	15.0	0.6	365.2	999.9	99.9	99.9	21.6	51.
51.9	124.0	16358.4	100.0	-62.6	-68.9	277.1	15.7	15.5	-1.9	406.7	999.9	99.9	99.9	25.2	58.
57.9	132.0	18129.3	75.0	-62.5	-69.9	264.0	9.3	9.2	1.0	442.0	999.9	99.9	99.9	28.9	64.
65.6	142.0	20685.7	50.0	-58.0	-69.9	330.2	4.8	2.4	-4.1	506.8	999.9	99.9	99.9	31.3	65.
78.2	154.5	25124.2	25.0	-51.4	-69.9	999.9	99.9	99.9	99.9	637.2	999.9	99.9	99.9	31.4	65.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 450
TOPEKA, KANSAS20 MAY 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	268.0	982.0	15.6	15.4	60.0	2.1	-1.8	-1.0	290.2	319.3	11.3	99.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	10.1	328.9	975.0	15.3	14.4	999.9	99.9	99.9	99.9	290.6	318.0	10.6	93.9	999.9	99.9
1.0	12.4	549.5	950.0	14.3	13.4	999.9	99.9	99.9	99.9	291.8	318.4	10.3	94.3	999.9	99.9
1.8	14.8	775.1	925.0	13.8	12.6	999.9	99.9	99.9	99.9	293.4	319.9	10.1	93.8	0.4	28.4
2.8	17.3	1006.5	900.0	12.9	11.8	84.7	4.9	-4.9	-0.5	294.8	320.6	9.8	93.3	0.7	27.6
3.8	19.7	1243.4	875.0	11.6	10.8	65.5	5.0	-4.6	-2.1	296.1	321.0	9.4	93.7	1.0	27.2
4.8	22.2	1486.2	850.0	10.7	9.5	34.6	6.3	-3.6	-5.2	297.4	321.1	8.9	92.2	1.3	26.2
5.7	24.7	1735.2	825.0	10.0	8.1	15.8	7.6	-2.1	-7.3	299.1	321.5	8.3	88.2	1.5	24.8
6.6	27.3	1991.3	800.0	9.1	7.8	18.0	5.6	-1.7	-5.3	300.9	323.7	8.4	91.4	1.8	23.7
7.7	29.9	2254.4	775.0	7.8	6.5	9.6	4.8	-0.8	-4.7	302.2	323.9	7.9	91.8	2.0	23.2
8.7	32.5	2524.8	750.0	6.1	4.9	7.0	4.9	-0.6	-4.9	303.2	323.4	7.3	91.8	2.2	22.6
9.8	35.2	2802.3	725.0	4.4	3.2	6.1	4.7	-0.5	-4.7	304.3	323.1	6.7	91.9	2.5	22.2
10.9	37.9	3087.7	700.0	2.8	1.7	354.8	5.2	0.5	-5.2	305.6	323.1	6.2	92.3	2.7	21.8
11.9	40.6	3381.8	675.0	0.8	-0.3	335.7	6.8	2.8	-6.2	306.6	322.5	5.6	92.4	2.9	21.2
13.2	43.3	3684.8	650.0	-1.1	-2.1	327.1	7.8	4.2	-6.6	307.7	322.4	5.1	93.0	3.2	20.3
14.5	46.2	3996.9	625.0	-3.3	-4.8	332.0	8.9	4.2	-7.8	308.7	321.2	4.3	88.9	3.6	19.4
15.8	49.1	4319.5	600.0	-4.8	-6.8	343.8	11.9	3.3	-11.4	310.6	321.0	3.8	86.0	4.4	18.9
17.2	52.1	4653.7	575.0	-6.6	-8.3	312.2	20.0	14.8	-13.4	312.3	323.0	3.6	87.5	5.3	18.2
18.5	55.1	5000.4	550.0	-8.4	-10.5	999.9	99.9	99.9	99.9	314.2	323.7	3.1	84.9	6.3	16.6
19.9	58.3	5360.2	525.0	-10.7	-12.7	999.9	99.9	99.9	99.9	315.8	324.0	2.7	85.3	999.9	99.9
21.3	61.4	5734.9	500.0	-11.5	-13.1	999.9	99.9	99.9	99.9	319.0	327.7	2.8	87.8	999.9	99.9
22.8	64.7	6127.0	475.0	-13.7	-15.7	999.9	99.9	99.9	99.9	321.0	328.6	2.4	84.7	999.9	99.9
24.4	68.0	6536.3	450.0	-16.2	-18.5	999.9	99.9	99.9	99.9	329.3	329.3	2.0	82.6	999.9	99.9
26.0	71.4	6965.5	425.0	-18.6	-21.5	999.9	99.9	99.9	99.9	325.1	330.5	1.6	77.9	999.9	99.9
28.0	75.0	7414.8	400.0	-21.6	-24.6	254.3	25.6	24.6	6.9	326.9	331.2	1.3	76.4	14.4	11.9
30.2	78.7	7887.6	375.0	-25.1	-28.5	251.5	28.5	27.0	9.0	328.4	331.7	1.0	73.3	17.4	11.1
32.3	82.5	8385.2	350.0	-29.1	-33.1	242.0	24.0	21.2	11.3	329.6	331.9	0.7	67.7	19.8	10.4
34.3	86.5	8911.0	325.0	-33.0	-37.1	240.4	27.4	23.9	13.5	331.2	332.9	0.5	66.6	22.0	9.9
36.2	90.7	9468.7	300.0	-37.6	-42.3	240.4	33.0	29.1	15.5	332.4	333.5	0.3	61.0	25.0	9.4
38.4	95.0	10062.7	275.0	-42.3	-47.9	238.5	35.4	30.1	18.5	334.0	333.5	0.3	999.9	28.9	8.9
40.7	99.6	10698.6	250.0	-48.4	-59.9	234.4	35.2	29.1	20.9	334.2	333.5	99.9	99.9	33.1	8.4
43.1	104.4	11382.9	225.0	-54.6	-69.9	228.2	35.6	26.6	23.8	334.6	333.5	99.9	99.9	37.6	8.0
46.1	109.6	12126.8	200.0	-60.3	-79.9	221.9	39.1	26.1	29.1	337.3	333.5	99.9	99.9	43.2	7.5
49.2	115.2	12949.9	175.0	-64.8	-89.9	238.8	42.2	36.1	21.9	342.5	333.5	99.9	99.9	49.8	7.0
52.2	121.2	13882.4	150.0	-65.2	-99.9	260.7	40.3	39.8	6.5	337.7	333.5	99.9	99.9	57.7	7.1
56.9	128.0	15006.0	125.0	-60.9	-59.9	278.9	28.9	28.6	-4.5	384.2	333.5	99.9	99.9	66.5	7.4
63.1	135.5	16398.2	100.0	-60.5	-59.9	279.6	15.9	15.6	-2.6	410.6	333.5	99.9	99.9	73.1	7.6
71.0	144.0	18184.1	75.0	-61.6	-59.9	286.7	8.4	8.1	-2.4	443.8	333.5	99.9	99.9	79.2	7.7
82.3	153.5	20745.9	50.0	-56.0	-59.9	322.5	3.6	2.2	-2.9	511.6	333.5	99.9	99.9	80.6	7.8
99.2	163.5	25216.7	25.0	-52.0	-59.9	196.6	4.0	1.1	3.8	635.2	333.5	99.9	99.9	80.9	7.6

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS20 MAY 1979
1405 GMT

162 7. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	268.0	983.0	16.1	16.1	40.0	4.6	-3.0	-3.5	290.7	321.0	11.8	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
0.2	8.4	337.7	975.0	15.6	14.2	81.1	3.1	-3.1	-0.5	290.2	318.0	10.5	91.7	0.3	180.
0.8	10.7	558.1	950.0	13.8	13.5	54.0	3.9	-3.2	-2.3	291.2	317.9	10.3	97.5	0.3	189.
1.6	13.1	782.8	925.0	12.3	11.6	25.4	8.4	-2.6	-5.6	291.5	316.3	9.3	95.6	0.6	198.
2.6	15.4	1013.0	900.0	11.8	10.8	33.4	8.6	-3.6	-5.5	293.7	317.6	9.1	93.2	1.0	201.
3.5	17.8	1249.0	875.0	10.6	9.7	47.8	8.3	-6.1	-5.5	294.8	317.7	8.7	94.1	1.4	206.
4.5	20.3	1491.0	850.0	10.5	2.9	55.3	12.2	-10.1	-7.0	297.2	312.5	5.6	59.1	1.9	214.
5.4	22.8	1739.1	825.0	9.4	-6.3	58.6	12.7	-10.9	-6.6	298.5	306.9	2.9	32.8	2.6	221.
6.3	25.2	1933.7	800.0	8.2	-8.2	52.9	10.8	-8.6	-6.5	299.9	307.4	2.6	30.4	3.2	224.
7.3	27.7	2255.5	775.0	7.7	-14.4	47.8	7.7	-3.7	-5.2	302.1	307.0	1.6	19.1	3.8	225.
8.3	30.3	2525.1	750.0	6.0	2.7	30.2	5.5	-2.8	-4.8	303.1	320.6	6.3	79.6	4.2	225.
9.4	33.0	2802.5	725.0	4.3	-1.1	18.6	4.9	-1.6	-4.7	304.2	318.2	4.9	67.8	4.5	223.
10.4	35.6	3088.0	700.0	2.9	-1.3	15.9	6.1	-1.7	-5.8	305.7	320.0	5.0	73.7	4.7	221.
11.5	38.3	3381.8	675.0	0.9	-3.4	39.6	8.2	0.1	-8.2	306.7	319.5	4.4	73.0	5.2	219.
12.6	41.0	3684.3	650.0	-0.9	-6.2	34.5	8.7	2.2	-8.4	307.9	318.9	3.7	67.6	5.5	214.
13.8	43.9	3996.6	625.0	-2.2	-8.9	34.0	9.1	3.0	-8.6	310.0	310.4	0.1	2.0	5.9	210.
15.0	46.8	4319.6	600.0	-3.9	-12.2	32.9	11.2	5.7	-9.7	311.7	313.7	0.6	12.8	6.4	205.
16.2	47.6	4654.7	575.0	-5.5	-15.7	31.7	13.6	9.3	-10.0	313.6	319.7	2.0	44.5	6.9	198.
17.6	52.6	5002.0	550.0	-7.8	-18.6	30.4	14.2	11.4	-8.4	314.8	319.9	1.6	41.9	7.4	190.
18.9	55.6	5362.2	525.0	-10.3	-19.4	29.6	16.4	13.9	-6.8	316.0	321.0	1.6	47.4	7.9	182.
20.2	58.8	5736.2	500.0	-12.9	-21.8	28.5	19.3	18.8	-4.5	317.3	321.6	1.3	47.3	8.4	173.
21.8	62.0	6125.3	475.0	-15.9	-23.3	27.9	21.6	21.6	-1.1	318.3	323.0	1.5	63.2	9.1	160.
23.3	65.3	6532.2	450.0	-17.8	-24.9	26.9	22.9	22.9	0.0	320.8	325.1	1.3	62.7	10.0	150.
24.7	68.6	6957.0	425.0	-21.4	-28.7	26.7	25.6	25.6	0.9	321.5	325.6	1.2	75.3	11.1	140.
26.2	72.0	7401.6	400.0	-24.3	-38.7	26.8	29.5	29.5	0.6	323.5	324.7	0.3	24.8	12.8	132.
27.9	75.6	7869.9	375.0	-27.0	-50.4	26.8	37.2	37.2	1.1	325.6	326.2	0.1	8.8	15.4	123.
29.8	79.3	8363.8	350.0	-30.4	-62.6	26.1	44.5	44.0	6.7	327.8	328.7	0.2	28.8	19.3	115.
31.7	83.3	8886.2	325.0	-34.9	-65.2	25.9	39.5	38.3	9.6	328.6	329.3	0.2	33.9	23.5	107.
33.7	87.3	9439.9	300.0	-38.9	-60.6	25.0	35.3	33.2	11.8	330.5	330.6	0.0	8.1	27.2	102.
35.9	91.5	10031.3	275.0	-43.2	-59.9	25.0	35.1	33.1	11.6	332.7	330.9	99.9	99.9	31.1	98.
39.1	96.0	10665.4	250.0	-48.6	-59.9	25.2	35.4	33.8	10.5	333.8	330.9	99.9	99.9	35.5	94.
40.3	100.8	11350.8	225.0	-53.2	-59.9	25.0	35.7	33.6	11.8	337.1	330.9	99.9	99.9	40.0	92.
43.0	106.0	12095.8	200.0	-58.5	-59.9	24.8	37.3	33.8	13.5	340.2	330.9	99.9	99.9	45.1	89.
45.8	111.6	12927.7	175.0	-64.6	-59.9	25.3	36.6	34.4	12.4	343.4	330.9	99.9	99.9	51.5	87.
49.1	117.5	13960.6	150.0	-63.8	-59.9	25.8	36.5	35.8	7.3	350.2	330.9	99.9	99.9	58.3	85.
52.7	124.3	15000.3	125.0	-58.2	-59.9	27.8	24.1	23.8	-3.7	359.7	330.9	99.9	99.9	64.8	86.
57.8	132.0	16395.0	100.0	-60.8	-59.9	26.5	16.6	16.6	1.3	410.4	330.9	99.9	99.9	69.8	86.
63.7	140.7	18161.7	75.0	-58.6	-59.9	237.0	9.3	7.8	5.1	450.1	330.9	99.9	99.9	75.5	86.
72.2	150.5	20749.3	50.0	-54.9	-59.9	179.5	3.4	-0.0	3.4	516.2	330.9	99.9	99.9	76.4	86.
85.4	161.0	25223.6	25.0	-49.6	-59.9	146.3	2.5	-1.6	2.4	642.0	330.9	99.9	99.9	76.0	84.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
 TOPEKA, KANSAS

 20 MAY 1979
 1705 GMT

151 35. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	268.0	984.0	18.9	16.1	50.0	5.1	-3.9	-3.3	293.4	324.1	11.8	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	8.4	347.5	975.0	20.5	13.2	49.4	7.2	-4.9	-3.2	293.8	321.8	9.8	62.7	0.3	226.
0.9	10.7	571.7	950.0	18.8	13.1	40.9	6.5	-4.2	-4.9	293.3	322.8	10.0	69.4	0.4	225.
1.6	13.1	800.1	925.0	16.4	15.5	29.1	6.2	-3.0	-5.4	293.1	322.5	9.9	77.8	0.7	222.
2.2	15.5	1033.0	900.0	14.1	12.2	26.2	6.6	-2.9	-6.0	293.1	322.5	10.0	88.0	0.9	217.
2.8	17.9	1270.6	875.0	12.1	11.7	33.2	7.2	-4.0	-5.0	293.4	322.7	9.9	97.3	1.1	216.
3.5	20.3	1513.6	850.0	10.4	9.9	39.5	9.4	-6.0	-7.2	293.0	321.3	9.1	96.3	1.4	216.
4.1	22.8	1761.5	825.0	7.7	5.8	45.1	10.9	-7.7	-7.7	293.6	315.9	7.1	87.9	1.9	217.
5.0	25.3	2015.3	800.0	6.9	-18.8	45.3	10.6	-7.1	-7.0	300.6	304.0	1.1	12.1	2.5	220.
5.9	27.8	2277.6	775.0	8.3	-20.4	35.0	8.3	-4.8	-6.8	302.7	305.8	1.0	11.0	2.9	220.
6.9	30.4	2547.8	750.0	7.5	-21.0	20.3	6.5	-2.2	-6.1	308.6	307.8	0.9	11.0	3.4	219.
7.9	33.0	2826.0	725.0	6.1	-17.5	13.8	6.6	-1.6	-6.4	308.1	315.0	3.0	36.9	3.7	216.
8.9	35.7	3112.5	700.0	3.8	-9.2	13.3	6.7	-1.5	-6.5	308.7	314.8	2.7	37.9	4.1	214.
9.9	38.3	3407.5	675.0	3.0	-23.3	16.8	5.7	-1.6	-5.4	309.1	311.9	0.9	12.4	4.4	212.
10.9	41.1	3711.4	650.0	0.7	-49.5	22.8	4.8	-1.9	-6.5	309.7	310.0	0.1	1.0	4.7	212.
11.8	43.9	4025.0	625.0	-1.2	-50.7	5.5	3.7	-0.4	-3.7	311.1	311.3	0.1	1.0	5.0	211.
12.7	46.8	4349.0	600.0	-2.2	-49.5	327.6	3.9	2.1	-3.3	312.2	312.7	0.1	1.5	5.1	210.
13.6	49.7	4684.6	575.0	-4.9	-21.7	301.0	7.0	6.0	-3.6	314.2	318.9	1.4	31.5	5.2	206.
14.9	52.6	5032.4	550.0	-7.8	-11.3	286.9	11.0	10.5	-3.2	314.9	323.8	2.9	75.7	5.2	199.
16.0	55.8	5392.9	525.0	-10.0	-11.3	280.3	13.9	13.7	-2.5	318.4	325.9	3.1	90.1	5.1	190.
17.2	58.9	5767.5	500.0	-13.1	-14.3	279.5	16.7	16.4	-2.8	317.0	324.9	2.5	50.5	5.2	178.
18.4	62.1	6156.9	475.0	-15.6	-19.4	274.5	17.6	17.5	-1.4	316.7	324.2	1.7	72.4	5.6	164.
19.6	65.4	6537.0	450.0	-18.5	-23.4	277.0	20.2	20.2	-2.5	319.5	324.2	1.3	65.5	6.1	154.
20.9	68.9	6997.3	425.0	-21.1	-33.6	289.0	28.7	28.7	1.0	321.9	323.6	0.5	31.6	7.4	140.
22.2	72.3	7432.3	400.0	-24.3	-36.4	283.1	26.2	26.2	3.1	323.5	325.0	0.4	31.6	8.6	129.
23.7	76.0	7858.9	375.0	-28.1	-40.5	271.1	33.1	33.1	-0.6	324.4	325.4	0.3	29.3	10.8	119.
25.3	79.7	8391.1	350.0	-31.5	-47.8	266.4	35.1	35.1	2.2	324.2	326.8	0.1	18.0	13.7	113.
25.9	83.7	8911.4	325.0	-35.4	-55.4	255.7	37.1	37.1	2.1	327.5	328.1	0.0	7.9	16.9	107.
28.6	87.7	9464.2	300.0	-35.6	-59.9	266.9	39.2	39.1	2.1	328.6	329.9	99.9	999.9	20.6	104.
30.5	92.0	10053.8	275.0	-43.7	-69.9	265.2	40.5	40.3	3.4	331.9	329.9	99.9	999.9	25.7	103.
32.5	96.6	10687.6	250.0	-48.1	-59.9	263.3	44.2	43.9	5.7	337.5	329.9	99.9	999.9	33.0	98.
34.7	101.4	11375.6	225.0	-52.9	-59.9	262.9	46.2	45.6	5.2	337.5	329.9	99.9	999.9	35.6	95.
37.0	106.6	12126.8	200.0	-57.9	-59.9	253.8	48.9	48.9	5.3	341.1	329.9	99.9	999.9	42.2	93.
39.6	112.2	12961.1	175.0	-61.3	-59.9	257.8	42.5	41.5	9.0	348.8	329.9	99.9	999.9	49.2	92.
42.1	118.2	13913.0	150.0	-62.7	-59.9	263.1	34.3	34.1	4.1	362.0	329.9	99.9	999.9	54.9	90.
45.5	125.0	15039.9	125.0	-58.9	-59.9	264.6	21.3	21.2	2.0	382.3	329.9	99.9	999.9	60.7	90.
50.0	132.5	16440.7	100.0	-58.7	-59.9	263.4	19.6	19.5	2.3	411.4	329.9	99.9	999.9	65.3	89.
55.4	141.0	18232.2	75.0	-60.2	-59.9	258.2	10.3	10.1	2.1	440.8	329.9	99.9	999.9	70.3	87.
63.7	150.7	20800.3	50.0	-55.6	-59.9	99.9	99.9	99.9	99.9	512.5	329.9	99.9	999.9	73.2	88.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	329.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS

20 MAY 1979
2005 GMT

159 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	268.0	984.3	21.7	15.5	40.0	5.7	-3.7	-4.4	296.2	326.2	11.4	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	8.3	350.7	975.0	22.2	13.9	99.9	99.9	99.9	99.9	297.5	324.8	10.3	59.3	99.9	99.9
1.0	10.5	575.7	950.0	19.7	11.9	99.9	99.9	99.9	99.9	297.2	322.0	9.3	60.9	99.9	99.9
1.9	12.9	804.8	925.0	17.5	11.6	99.9	99.9	99.9	99.9	297.2	322.2	9.3	68.2	99.9	99.9
2.8	15.2	1038.4	900.0	15.0	11.0	38.0	6.7	-4.2	-5.2	297.0	321.7	9.2	77.0	1.0	214.
3.6	17.5	1276.6	875.0	12.9	10.5	48.4	7.5	-4.8	-5.7	297.2	321.7	9.2	85.7	1.3	214.
4.5	20.0	1518.8	850.0	10.9	9.2	44.1	8.2	-5.7	-6.9	297.5	320.8	8.7	89.8	1.7	215.
5.4	22.4	1768.8	825.0	9.6	4.0	44.2	9.6	-6.7	-7.5	298.2	315.9	6.2	68.0	2.2	218.
6.3	24.9	2024.6	800.0	10.2	-5.7	31.2	8.8	-4.6	-7.5	302.0	311.1	3.1	32.3	2.7	218.
7.2	27.4	2288.1	775.0	9.2	-12.0	14.9	8.7	-2.2	-8.4	303.7	309.6	2.0	20.9	3.1	216.
9.1	29.9	2559.1	750.0	8.5	-10.4	15.8	9.3	-2.5	-8.9	305.2	312.8	2.3	25.1	3.6	213.
9.0	32.5	2838.1	725.0	6.3	-18.3	25.0	10.3	-4.4	-9.4	306.4	310.3	1.2	15.1	4.2	211.
9.9	35.1	3124.2	700.0	3.8	-18.6	25.5	9.3	-3.9	-8.4	306.7	310.6	1.3	17.6	4.7	211.
11.0	37.8	3418.6	675.0	2.3	-20.8	10.5	5.9	-1.1	-5.8	308.2	311.6	1.1	16.1	5.2	210.
12.1	40.5	3722.1	650.0	-0.2	-22.3	35.3	3.8	0.4	-3.8	308.7	311.9	1.0	16.9	5.5	208.
13.1	43.2	4034.2	625.0	-3.1	-21.3	31.8	4.1	2.8	-3.1	308.5	312.5	1.1	23.4	5.6	207.
14.4	46.1	4355.8	600.0	-5.6	-15.4	27.0	4.7	4.7	-0.0	309.7	315.6	1.9	45.7	5.6	203.
15.6	49.0	4687.9	575.0	-8.5	-16.2	25.0	6.9	6.7	1.7	310.0	315.8	1.9	53.8	5.4	200.
16.8	52.0	5032.6	550.0	-8.4	-9.6	27.2	12.8	12.8	-0.5	314.1	324.3	3.4	90.9	5.1	193.
18.0	55.0	5392.5	525.0	-10.8	-12.9	27.3	17.5	17.3	-2.5	315.4	323.7	2.7	84.4	5.1	180.
19.2	58.0	5766.1	500.0	-13.3	-15.4	27.3	17.7	17.6	-1.6	316.9	324.2	2.3	84.0	5.4	166.
20.4	61.3	6154.8	475.0	-16.4	-18.3	28.0	15.6	15.2	-3.8	317.6	323.7	1.9	85.7	5.9	156.
21.7	64.6	6559.6	450.0	-19.3	-20.9	30.0	15.8	16.6	-10.8	319.0	324.2	1.6	87.1	7.0	149.
23.2	67.9	6982.7	425.0	-21.8	-23.2	29.3	18.5	16.6	-8.2	321.1	325.6	1.4	88.6	8.8	143.
24.8	71.4	7426.5	400.0	-25.3	-28.3	30.2	18.4	11.1	-9.1	322.2	325.3	0.9	75.4	10.0	139.
26.3	75.0	7891.8	375.0	-28.8	-32.6	33.9	17.4	7.1	-15.9	323.2	325.8	0.7	69.6	11.1	142.
28.0	79.7	8382.2	350.0	-32.4*	99.9	251.9	56.6	53.8	17.5	325.1	99.9	99.9	99.9	13.1	129.
29.8	82.6	8901.3	325.0	-35.8	-51.5	268.3	39.9	39.9	1.2	327.4	327.8	99.9	99.9	16.8	112.
31.7	86.7	9452.5	300.0	-40.4	99.9	277.7	40.5	40.5	-0.5	328.4	99.9	99.9	99.9	21.0	108.
33.8	91.0	10039.7	275.0	-44.7	99.9	267.0	44.8	44.7	2.3	330.5	99.9	99.9	99.9	26.1	104.
36.1	95.5	10671.7	250.0	-49.4	99.9	266.0	49.7	49.6	3.5	332.7	99.9	99.9	99.9	32.3	101.
39.4	100.2	11354.4	225.0	-54.7	99.9	266.5	51.5	51.4	3.1	334.7	99.9	99.9	99.9	39.3	98.
41.0	105.4	12100.3	200.0	-59.3	99.9	266.0	47.6	47.5	3.3	338.9	99.9	99.9	99.9	47.1	96.
43.9	111.0	12931.1	175.0	-60.0	99.9	257.6	40.3	39.4	8.6	350.5	99.9	99.9	99.9	54.2	94.
46.9	117.0	13688.5	150.0	-63.6	99.9	263.4	30.9	30.7	3.5	360.5	99.9	99.9	99.9	60.7	93.
50.8	123.7	15021.2	125.0	-59.9	99.9	265.3	24.6	24.5	2.0	386.2	99.9	99.9	99.9	67.0	92.
55.4	131.3	16417.0	100.0	-61.3	99.9	258.9	18.4	18.3	3.6	409.4	99.9	99.9	99.9	72.6	91.
61.0	140.0	18199.2	75.0	-63.0	99.9	253.7	12.7	12.2	3.6	440.2	99.9	99.9	99.9	77.9	90.
68.9	150.0	20760.3	50.0	-56.3	99.9	141.1	4.9	-3.1	3.8	510.7	99.9	99.9	99.9	80.6	90.
81.1	160.7	25260.7	25.0	-48.7	99.9	278.1	3.1	3.1	-0.4	645.0	99.9	99.9	99.9	81.3	89.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS20 MAY 1979
2305 GMT

162 7. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	268.0	982.5	22.2	14.3	30.0	7.7	-3.8	-6.7	286.9	324.8	10.5	61.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	8.4	334.8	975.0	22.4	12.5	27.5	10.2	-4.7	-9.0	297.7	323.0	9.4	53.5	0.3	199.
1.0	10.7	560.3	950.0	20.7	10.9	29.7	10.7	-5.3	-9.3	298.2	321.7	8.7	53.5	0.6	204.
1.8	13.1	790.1	925.0	18.6	10.2	30.9	11.0	-5.6	-9.4	298.3	321.2	8.5	57.9	1.2	207.
2.6	15.5	1024.5	900.0	16.4	9.3	29.7	11.4	-5.7	-9.9	298.0	320.7	8.2	63.0	1.7	208.
3.3	17.8	1263.7	875.0	14.3	9.0	31.6	10.6	-5.6	-9.1	298.6	321.0	8.3	70.6	2.2	209.
4.1	20.2	1507.9	850.0	11.8	9.1	37.3	9.4	-5.7	-7.5	298.5	321.7	8.6	83.7	2.6	210.
4.9	22.7	1757.4	825.0	9.4	8.9	45.5	9.4	-6.7	-6.6	298.5	322.2	8.8	96.9	3.1	211.
5.9	25.2	2012.6	800.0	7.6	7.3	46.0	9.1	-6.5	-6.3	299.3	321.2	8.1	98.1	3.6	214.
6.7	27.7	2274.6	775.0	8.3	-8.3	22.2	10.1	-3.8	-9.4	302.8	311.3	2.9	33.9	4.0	214.
7.7	30.2	2545.6	750.0	8.6	-23.9	13.3	10.7	-2.5	-10.4	306.0	308.3	0.7	8.0	4.6	212.
8.7	32.8	2824.6	725.0	6.9	-19.8	9.6	10.0	-1.7	-9.9	307.1	310.5	1.1	12.7	5.2	209.
9.8	35.5	3111.7	700.0	4.7	-24.2	4.5	8.4	-0.7	-8.4	307.7	310.2	0.8	10.0	5.9	207.
10.9	38.2	3406.6	675.0	3.0	-34.7	346.8	7.5	1.7	-7.3	309.0	310.1	0.3	4.4	6.2	205.
11.7	40.9	3710.9	650.0	0.8	-23.4	314.7	7.4	5.3	-5.2	309.8	312.7	0.9	14.4	6.4	202.
12.9	43.8	4024.6	625.0	-1.7	-18.1	296.5	7.6	6.8	-3.4	310.5	315.1	1.5	27.3	6.5	199.
14.1	46.6	4347.9	600.0	-4.5	-12.2	287.5	9.0	8.6	-2.7	310.5	318.5	2.5	55.1	6.6	193.
15.3	49.5	4682.2	575.0	-6.2	-8.1	292.9	9.7	8.9	-3.8	312.7	323.6	3.6	86.2	6.7	187.
16.5	52.4	5029.7	550.0	-7.4	-13.9	307.7	10.6	8.4	-6.5	315.4	322.8	2.4	59.5	7.1	181.
17.9	55.5	5390.7	525.0	-9.7	-18.8	307.4	11.3	8.9	-6.8	316.7	322.0	1.7	47.6	7.6	176.
19.0	58.6	5766.4	500.0	-11.3	-42.6	306.9	13.4	10.7	-8.0	319.3	319.9	0.2	5.5	8.2	171.
20.3	61.9	6157.3	475.0	-14.5	-38.7	300.5	15.0	12.9	-7.6	320.0	321.0	0.3	10.7	9.0	166.
21.6	65.1	6564.6	450.0	-17.6	-24.2	282.8	18.0	17.5	-4.0	321.2	325.1	1.7	56.2	9.8	160.
23.1	68.5	6990.9	425.0	-20.3	-30.2	272.2	22.4	22.4	-0.9	323.0	325.7	0.8	43.7	10.6	152.
24.6	72.0	7437.4	400.0	-23.4	-42.5	272.9	26.1	26.1	-1.3	324.6	325.4	0.2	13.3	11.9	143.
26.3	75.6	7907.0	375.0	-26.4	-47.2	271.5	30.7	30.7	-0.8	326.7	327.2	0.2	13.0	13.9	133.
29.1	79.3	8402.4	350.0	-30.0	-69.2	271.1	35.6	35.6	-0.7	328.3	328.3	0.0	1.0	16.7	125.
30.0	83.2	8926.4	325.0	-33.5	-71.5	265.8	42.5	42.5	3.1	330.5	332.4	0.0	1.0	29.5	119.
31.9	87.3	9483.5	300.0	-37.6	-74.2	261.0	49.3	48.7	7.7	332.3	332.4	0.0	1.0	25.0	111.
34.0	91.6	10077.8	275.0	-42.3	99.9	258.8	53.4	52.4	10.3	333.9	333.9	99.9	999.9	30.8	105.
36.3	95.2	10716.2	250.0	-46.7	99.9	258.4	56.3	55.1	11.3	336.7	336.7	99.9	999.9	37.8	100.
38.8	100.8	11408.1	225.0	-51.2	99.9	256.2	59.2	53.6	13.2	340.1	340.1	99.9	999.9	45.7	96.
41.5	106.0	12164.5	200.0	-56.7	99.9	253.9	53.8	51.7	14.9	343.0	343.0	99.9	999.9	53.8	92.
44.3	111.5	13004.2	175.0	-61.5	99.9	254.7	50.0	48.3	13.2	348.4	348.4	99.9	999.9	62.3	90.
47.3	117.5	13949.7	150.0	-64.7	99.9	257.4	47.2	46.0	10.3	358.7	358.7	99.9	999.9	71.2	89.
51.0	124.0	15067.0	125.0	-61.2	99.9	269.9	32.5	32.9	0.1	364.1	364.1	99.9	999.9	79.8	87.
55.6	131.7	16461.4	100.0	-60.2	99.9	275.8	20.0	19.9	-2.0	411.2	411.2	99.9	999.9	87.2	88.
61.3	143.3	18245.8	75.0	-55.8	99.9	293.4	13.6	12.5	-5.4	447.7	447.7	99.9	999.9	92.8	88.
69.1	150.0	20830.4	50.0	-55.0	99.9	200.7	3.9	1.4	3.6	513.9	513.9	99.9	999.9	94.5	89.
80.8	163.5	25317.8	25.0	-51.8	99.9	293.3	5.3	4.9	-2.1	635.9	635.9	99.9	999.9	96.4	88.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS

21 MAY 1979
205 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	268.0	985.0	18.3	11.8	20.0	7.7	-2.6	-7.2	292.1	316.1	8.9	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	8.3	355.7	975.0	18.8	10.1	26.5	15.4	-6.9	-13.8	294.0	315.3	8.0	57.2	0.4	198.
1.1	10.6	578.4	950.0	17.4	9.1	29.5	16.0	-7.9	-13.9	294.8	315.3	7.7	58.3	0.9	203.
1.8	13.0	805.6	925.0	15.8	8.2	35.9	15.7	-9.2	-12.7	295.4	315.3	7.4	60.6	1.7	207.
2.6	15.5	1037.8	900.0	14.2	7.9	47.3	12.8	-9.4	-8.6	296.1	316.2	7.5	65.8	2.4	211.
3.5	17.9	1215.3	875.0	12.7	6.5	61.1	10.7	-9.4	-5.2	297.0	316.6	7.0	65.8	2.9	215.
4.3	20.4	1518.3	850.0	10.9	6.1	74.1	9.8	-9.5	-2.7	297.6	316.6	7.5	72.3	3.3	220.
5.1	22.9	1765.8	825.0	8.8	6.7	86.2	8.1	-8.1	-0.5	297.9	316.2	7.5	86.4	3.7	225.
6.0	25.5	2021.4	800.0	7.2	6.3	93.1	6.5	-6.5	0.3	298.5	319.3	7.5	93.8	3.9	229.
6.9	28.1	2283.1	775.0	7.9	-2.6	52.9	6.0	-4.8	-3.6	302.2	314.0	4.1	48.3	4.2	231.
7.8	30.7	2554.1	750.0	5.3	-8.1	25.8	6.4	-2.8	-5.8	305.2	313.4	2.6	31.2	4.5	230.
8.9	33.4	2832.5	725.0	3.3	-7.6	20.7	7.4	-2.6	-6.9	305.3	313.1	3.0	38.8	4.9	228.
9.7	35.1	3118.1	700.0	2.8	-17.7	12.7	7.7	-1.7	-7.6	306.1	313.2	1.4	43.9	5.3	225.
10.8	38.9	3412.8	675.0	-0.1	-16.2	25.8	6.1	-1.2	-6.0	308.6	313.2	1.7	28.5	5.9	221.
11.7	41.8	3716.6	650.0	-2.2	-23.0	98.7	1.3	-1.3	-2.5	309.9	313.1	1.0	18.8	6.0	221.
12.7	44.6	4029.3	625.0	-5.0	-32.0	251.2	3.1	2.9	1.0	310.4	318.3	2.6	59.8	5.6	219.
13.8	47.6	4351.9	600.0	-8.3	-42.8	274.3	4.4	4.4	-0.3	312.7	319.2	2.1	50.2	5.2	216.
14.8	50.5	4682.9	575.0	-12.9	-50.0	291.8	5.6	5.2	-2.1	313.2	318.4	1.7	48.2	5.4	211.
16.0	53.5	5031.9	550.0	-18.4	-63.3	291.8	7.1	6.6	-2.7	315.4	316.0	0.2	5.1	5.3	204.
17.2	56.6	5390.3	525.0	-26.3	-80.6	286.8	9.6	9.2	-2.8	317.4	318.2	0.1	6.0	5.3	196.
18.6	59.9	5763.7	500.0	-34.8	-99.9	285.9	11.7	11.2	-3.2	318.4	318.9	0.1	42.9	5.4	185.
19.8	63.1	6123.0	475.0	-42.5	-117.7	285.9	13.3	12.2	-5.1	319.1	321.8	0.8	63.3	5.9	175.
21.1	66.6	6558.2	450.0	-50.0	-135.8	293.7	14.5	12.6	-7.2	319.2	322.5	0.9	91.7	6.7	166.
22.4	70.0	6980.5	425.0	-58.4	-154.8	300.7	16.4	14.1	-8.4	320.2	324.2	1.0	35.6	7.9	159.
23.8	73.6	7421.8	400.0	-66.1	-173.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.3	30.3	9.7	153.
25.2	77.3	7866.9	375.0	-74.8	-192.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9
26.9	81.1	8378.7	350.0	-83.6	-211.1	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9
28.7	85.2	8900.4	325.0	-92.5	-230.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9
30.3	89.3	9454.6	300.0	-101.4	-249.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9
32.2	93.7	10047.5	275.0	-110.3	-268.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9
34.3	98.2	10665.1	250.0	-119.2	-287.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9
36.4	103.0	11373.6	225.0	-128.1	-306.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9
39.0	108.1	12121.9	200.0	-137.0	-325.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9
41.5	114.0	12942.6	175.0	-145.9	-344.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9
44.6	120.0	13871.1	150.0	-154.8	-363.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9
48.5	127.0	14991.4	125.0	-163.7	-382.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9
53.3	134.7	16393.4	100.0	-172.6	-401.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9
59.5	153.0	20719.7	50.0	-181.5	-420.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9
84.1	163.7	25173.9	25.0	-190.4	-439.3	307.7	18.9	15.4	-11.0	324.1	325.3	0.2	34.4	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS21 MAY 1979
505 GMT

160 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	268.0	986.2	14.4	10.0	50.0	4.6	-3.5	-3.0	288.7	309.1	7.9	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	8.5	365.1	975.0	15.6	8.8	43.3	14.0	-9.6	-10.2	290.2	310.1	7.3	63.9	0.3	214.
1.1	10.7	585.7	950.0	15.9	7.0	46.7	19.2	-11.1	-10.4	293.3	311.0	6.6	55.5	0.8	221.
1.8	13.1	811.5	925.0	13.9	5.6	48.0	16.2	-12.0	-10.8	293.3	310.1	6.2	57.1	1.5	225.
2.5	15.5	1042.5	900.0	12.8	3.1	48.8	13.2	-9.9	-8.7	294.7	309.3	5.4	51.9	2.2	226.
3.4	17.9	1275.1	875.0	13.1	4.4	51.3	7.6	-5.9	-4.8	297.6	314.0	6.0	55.8	2.6	226.
4.3	20.4	1522.2	850.0	10.9	5.4	58.1	6.8	-5.9	-3.6	297.6	315.7	6.6	68.7	3.0	227.
5.0	22.8	1770.8	825.0	8.9	7.6	64.7	5.8	-5.1	-2.4	298.1	319.7	8.0	91.5	3.3	229.
5.9	25.3	2025.8	800.0	7.9	5.0	60.0	3.4	-3.0	-1.7	299.6	318.5	6.9	81.6	3.5	230.
6.8	27.8	2287.2	775.0	6.3	0.5	32.8	6.2	-3.4	-5.2	300.6	315.0	5.2	66.8	3.7	229.
7.7	30.3	2556.9	750.0	6.6	-3.1	24.7	7.9	-3.3	-7.1	303.2	315.5	4.1	49.9	4.1	227.
8.5	32.9	2834.2	725.0	4.3	-4.2	6.1	6.0	-0.6	-6.0	304.2	315.4	3.9	53.6	4.5	225.
9.8	35.6	3119.4	700.0	4.0	-8.3	339.5	4.1	1.4	-3.8	307.0	315.7	3.0	40.9	4.6	222.
10.9	38.3	3414.9	675.0	2.9	-15.2	316.3	2.1	1.5	-1.5	309.0	314.3	1.7	24.7	4.7	219.
11.9	41.1	3718.9	650.0	0.5	-16.6	259.2	2.0	1.9	0.4	309.5	314.5	1.6	26.4	4.7	219.
13.0	43.9	4031.7	625.0	-2.5	-17.8	281.3	2.9	2.8	-0.6	309.6	314.4	1.5	29.6	4.6	217.
14.1	46.7	4354.1	600.0	-4.7	-18.7	267.8	3.2	2.8	-1.5	310.7	316.0	1.7	38.2	4.5	214.
15.1	49.6	4688.2	575.0	-6.2	-25.8	293.1	3.4	3.1	-1.3	312.8	315.4	0.8	19.5	4.5	212.
16.3	52.6	5034.8	550.0	-8.1	-28.4	298.8	4.8	4.4	-2.1	314.5	316.9	0.7	18.8	4.4	208.
17.5	55.6	5395.0	525.0	-10.2	-24.9	298.8	5.8	5.0	-2.8	316.2	319.4	1.0	29.2	4.5	203.
18.8	58.8	5765.0	500.0	-13.2	-31.5	284.3	6.1	5.9	-1.5	317.5	318.9	0.5	19.6	4.5	198.
20.1	61.9	6157.3	475.0	-15.9	-28.2	276.3	8.3	6.2	-0.9	318.3	321.0	0.8	34.7	4.4	191.
21.5	65.3	6563.0	450.0	-18.7	-28.5	289.0	12.0	11.4	-3.7	319.2	322.5	0.8	41.2	4.5	190.
23.0	69.6	6987.0	425.0	-21.2	-30.2	290.5	15.3	14.4	-5.4	321.5	324.4	0.7	44.7	5.1	167.
24.5	73.0	7431.0	400.0	-25.1	-37.5	289.3	19.5	18.4	-6.5	322.4	325.7	1.0	79.9	6.1	155.
26.3	75.7	7898.1	375.0	-27.8	-39.2	279.9	24.6	24.3	-4.2	324.2	326.0	0.3	32.3	7.8	141.
29.6	83.3	8915.1	325.0	-34.3	-38.2	265.8	37.1	37.1	-0.5	328.6	330.1	0.4	46.8	10.0	130.
31.5	87.3	9470.4	300.0	-38.5	-40.9	262.0	41.5	41.1	5.8	331.1	332.4	0.3	77.9	16.5	110.
33.6	91.7	10063.5	275.0	-42.7	-39.9	255.1	43.5	42.0	11.2	333.3	333.9	99.9	99.9	21.4	103.
35.5	96.2	10700.1	250.0	-47.8	-39.9	247.1	41.9	38.6	16.3	335.0	335.0	99.9	99.9	25.7	97.
37.8	101.0	11385.0	225.0	-54.5	-39.9	238.3	41.3	35.1	21.7	335.0	335.0	99.9	99.9	30.4	91.
40.2	106.0	12128.1	200.0	-60.5	-39.9	239.9	42.9	37.2	21.5	337.0	337.0	99.9	99.9	35.7	85.
43.2	111.6	12951.2	175.0	-63.8	-39.9	251.4	45.3	42.9	14.5	344.7	344.7	99.9	99.9	43.1	82.
46.3	117.7	13892.5	150.0	-66.2	-39.9	266.3	38.0	38.0	2.4	356.1	356.1	99.9	99.9	51.4	81.
50.2	124.3	15015.4	125.0	-61.2	-39.9	283.4	28.3	27.5	-6.6	384.3	384.3	99.9	99.9	58.8	83.
55.3	132.0	16403.5	100.0	-60.3	-39.9	273.9	17.1	17.1	-1.2	411.2	411.2	99.9	99.9	64.7	84.
61.3	140.7	18187.1	75.0	-60.4	-39.9	239.7	11.5	9.9	5.8	446.4	446.4	99.9	99.9	70.7	85.
69.8	153.5	20742.0	50.0	-57.3	-39.9	110.0	4.2	-3.9	1.4	508.6	508.6	99.9	99.9	71.4	85.
84.0	161.0	25205.6	25.0	-51.2	-39.9	99.9	99.9	99.9	99.9	637.5	637.5	99.9	99.9	71.8	84.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS21 MAY 1979
805 GMT

162 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	V COMP M/SEC	V COMP M/SEC	POT 7 DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	268.0	986.6	12.2	10.1	40.0	5.1	-3.3	-3.9	286.5	306.8	7.9	87.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	8.5	367.6	975.0	13.1	7.0	63.1	11.9	-10.6	-5.4	288.4	305.3	6.5	66.2	0.3	231.
1.1	10.8	586.1	950.0	12.8	5.5	71.0	14.9	-14.1	-4.9	290.2	306.0	6.0	60.9	0.8	241.
1.8	13.0	810.0	925.0	12.2	3.7	73.8	13.7	-13.2	-3.8	291.8	306.4	5.4	56.2	1.4	247.
2.8	15.6	1039.4	900.0	11.6	-3.8	64.6	8.3	-17.5	-3.8	293.5	302.6	3.3	34.6	2.1	249.
3.8	19.0	1275.2	875.0	11.8	-1.9	53.4	4.9	-3.9	-2.9	296.1	306.7	3.8	38.3	2.4	247.
4.8	20.5	1517.3	850.0	10.5	5.1	75.3	2.6	-2.5	-0.7	297.2	315.0	6.5	69.6	2.6	246.
5.6	21.3	1765.7	825.0	8.9	7.3	74.2	2.4	-2.3	-0.7	298.0	319.2	7.8	90.1	2.7	247.
6.6	25.5	2220.3	800.0	7.8	-1.3	37.8	4.8	-3.0	-3.8	299.5	311.8	4.4	52.9	2.9	246.
7.6	28.1	2281.4	775.0	6.4	-1.8	25.1	5.0	-2.1	-4.5	300.7	312.9	4.3	55.7	3.2	242.
8.6	30.7	2550.4	750.0	5.5	-3.7	36.6	3.1	-1.8	-2.5	302.6	313.7	3.9	51.2	3.4	240.
9.5	31.3	2826.7	725.0	3.4	-4.8	9.9	2.2	-0.4	-2.1	303.2	313.8	3.7	55.0	3.5	239.
10.6	36.0	3110.7	700.0	2.8	-5.1	32.5	4.0	2.3	-3.3	305.4	316.5	3.7	55.8	3.6	236.
11.3	39.7	3404.7	675.0	1.5	-11.4	283.4	4.1	4.0	-1.0	307.4	314.5	2.4	37.4	3.5	231.
12.9	41.6	3707.5	650.0	-0.5	-19.7	240.1	3.5	3.1	1.8	308.4	312.3	1.2	21.8	3.3	229.
14.0	44.3	4019.4	625.0	-3.4	-19.1	226.3	3.3	2.4	2.3	308.6	312.2	1.4	28.6	3.0	229.
15.2	47.2	4340.4	600.0	-6.1	-22.4	246.2	2.3	2.1	0.9	309.1	312.9	1.2	29.9	2.8	229.
16.5	50.1	4672.0	575.0	-7.1	-24.3	293.1	3.5	3.3	-1.4	311.7	314.7	0.9	23.8	2.7	226.
17.8	53.1	5016.7	550.0	-8.9	-16.8	300.3	4.7	4.0	-2.3	313.5	319.4	1.9	52.5	2.7	219.
19.2	56.3	5377.6	525.0	-11.1	-34.3	270.7	5.4	5.4	-0.1	315.1	316.9	0.4	12.8	2.5	211.
20.7	59.4	5750.2	500.0	-13.6	-26.4	275.4	7.1	7.1	-0.7	316.4	319.4	0.9	33.0	2.2	199.
22.3	62.6	6138.1	475.0	-16.7	-31.2	301.1	8.4	7.2	-4.3	317.3	319.3	0.6	27.4	2.4	181.
24.3	66.0	6581.8	450.0	-19.7	-31.7	294.2	10.5	10.0	-4.5	318.5	320.5	0.6	33.1	3.0	164.
25.6	69.3	6964.7	425.0	-22.0	-46.0	288.7	13.1	12.4	-4.2	320.8	321.3	0.1	9.4	3.8	150.
27.3	72.9	7408.3	400.0	-24.9	-47.3	294.2	16.0	14.6	-6.6	322.7	323.2	0.1	10.3	5.0	139.
29.2	76.4	7874.2	375.0	-28.9	-35.9	294.3	19.1	17.4	-7.9	323.4	325.1	0.5	50.5	6.9	133.
31.1	80.3	8365.0	350.0	-31.2	-40.2	281.7	24.3	23.8	-7.9	326.7	327.9	0.3	40.8	9.2	126.
33.0	84.2	8887.1	325.0	-34.4	-43.2	271.7	31.7	31.7	-1.0	329.3	330.3	0.3	40.1	11.9	119.
35.0	88.3	9441.9	300.0	-38.6	-43.4	259.2	34.4	33.7	6.5	330.5	331.9	0.3	60.3	15.6	111.
36.9	92.6	10032.7	275.0	-44.1	99.9	246.0	33.3	30.4	13.5	331.3	339.9	99.9	99.9	18.8	103.
39.1	97.0	10663.7	250.0	-49.8	99.9	240.3	32.6	28.3	16.1	332.0	339.9	99.9	99.9	22.1	96.
41.5	101.8	11243.3	225.0	-55.5	99.9	238.9	41.7	35.7	21.5	333.5	339.9	99.9	99.9	26.5	89.
44.3	107.0	12086.5	200.0	-60.3	99.9	240.7	48.8	42.6	23.9	337.3	339.9	99.9	99.9	33.3	82.
47.0	112.6	12911.6	175.0	-64.9	99.9	254.3	45.8	43.1	12.4	342.6	339.9	99.9	99.9	41.0	80.
50.3	119.7	13852.6	150.0	-64.7	99.9	267.9	33.7	33.7	1.2	358.7	339.9	99.9	99.9	49.1	80.
54.2	125.5	14977.7	125.0	-61.7	99.9	284.2	22.8	22.1	-5.6	363.2	339.9	99.9	99.9	55.2	82.
59.1	133.0	16360.8	100.0	-61.6	99.9	273.6	19.4	19.4	-1.2	408.8	339.9	99.9	99.9	60.6	83.
64.9	141.7	18143.9	75.0	-60.5	99.9	255.3	12.0	11.8	2.2	446.2	339.9	99.9	99.9	66.6	84.
73.5	151.7	20689.9	50.0	-57.7	99.9	204.5	4.5	1.9	4.1	507.7	339.9	99.9	99.9	73.7	84.
87.1	162.0	25140.2	25.0	-52.0	99.9	269.3	3.7	3.7	0.0	635.2	339.9	99.9	99.9	149.3	83.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS21 MAY 1979
1110 GMT

162 9. 0

TIME MIN	CNTCT	HEIGHT GFN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT JT DG K	E POT X DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.6	268.0	987.4	11.7	7.8	80.0	5.1	-5.0	-0.9	285.9	303.4	6.8	77.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.4	8.7	374.0	975.0	11.9	5.2	67.0	8.3	-7.6	-3.2	287.2	302.1	5.7	63.2	0.4	263.
1.1	11.1	591.3	950.0	11.2	3.8	67.9	11.6	-10.8	-4.4	288.5	302.6	5.3	60.6	0.7	285.
1.9	13.4	814.6	925.0	11.9	1.0	68.7	13.3	-12.3	-4.8	291.4	303.5	4.4	47.2	1.4	252.
2.8	15.8	1043.4	900.0	10.4	1.4	69.5	11.5	-10.8	-4.0	292.3	303.1	4.7	53.6	2.1	251.
3.7	18.2	1278.0	875.0	10.8	-13.5	72.8	8.7	-8.3	-2.6	295.0	299.6	1.5	16.7	2.6	251.
4.6	20.7	1519.7	850.0	10.5	0.2	82.3	3.8	-8.3	-0.5	297.2	309.9	4.6	48.6	3.0	251.
5.5	23.2	1767.9	825.0	8.6	6.3	102.9	1.3	-1.3	0.3	297.7	317.7	7.4	86.0	3.0	252.
6.3	25.7	2022.3	800.0	7.3	0.1	70.5	2.5	-2.4	-0.8	298.9	312.4	4.8	60.3	3.1	252.
7.3	28.3	2283.3	775.0	6.3	-3.7	60.6	3.4	-3.0	-1.7	300.6	311.3	3.8	48.8	3.3	252.
8.3	30.9	2551.8	750.0	5.4	-3.6	93.6	2.8	-2.8	0.2	302.4	313.6	3.9	52.3	3.5	252.
9.2	33.4	2828.2	725.0	3.4	-4.3	56.2	2.4	-2.0	-1.3	303.2	314.3	3.8	56.8	3.6	253.
10.2	36.1	3112.3	700.0	1.7	-4.7	352.8	4.3	0.5	-4.2	304.4	315.6	3.9	62.3	3.7	250.
11.3	38.9	3404.7	675.0	-0.1	-4.2	315.6	4.3	3.0	-3.1	305.6	316.8	4.2	73.7	3.7	245.
12.4	41.7	3766.6	650.0	-1.4	-14.1	254.2	3.0	2.9	0.8	307.4	313.4	2.0	37.4	3.5	243.
13.4	44.4	4018.0	625.0	-3.4	-18.4	243.9	3.3	2.9	1.4	308.6	313.0	1.4	30.3	3.3	243.
14.6	47.3	4339.2	600.0	-5.7	-20.4	271.2	3.2	3.2	-2.0	311.9	315.7	1.2	29.9	2.9	239.
15.8	50.3	4672.5	575.0	-6.9	-21.6	305.0	3.4	2.8	-2.0	312.9	317.2	2.2	64.1	2.9	234.
17.0	53.3	5017.8	550.0	-9.4	-15.0	303.7	3.7	3.1	-2.1	314.5	317.2	0.8	28.0	2.7	229.
18.3	56.4	5376.1	525.0	-11.6	-26.4	297.4	4.1	3.6	-1.9	316.2	318.6	0.7	26.5	2.7	221.
19.7	59.4	5748.6	500.0	-13.8	-28.9	312.4	4.8	5.3	-3.2	317.2	319.5	0.7	31.2	2.7	212.
21.1	62.6	6136.2	475.0	-16.7	-29.8	303.6	6.4	5.3	-3.6	317.2	319.5	0.6	34.3	2.8	198.
22.6	65.9	6546.1	450.0	-19.3	-31.1	299.5	9.0	7.8	-4.4	319.0	321.1	0.4	25.5	3.2	179.
24.2	69.3	6962.8	425.0	-21.9	-36.4	302.7	11.9	10.0	-6.4	320.9	322.3	0.4	23.4	4.0	163.
25.9	72.8	7406.7	400.0	-24.7	-40.0	294.2	14.6	13.3	-6.0	322.9	323.9	0.3	23.4	5.3	147.
27.7	76.4	7873.3	375.0	-28.1	-39.0	285.2	18.1	17.4	-4.7	324.5	325.7	0.3	28.0	7.0	134.
29.6	80.2	8365.4	350.0	-31.2	-43.7	277.0	20.5	20.3	-2.5	326.7	327.5	0.2	61.0	9.4	123.
31.8	84.0	8866.8	325.0	-34.7	-39.5	270.4	25.4	25.4	-0.2	328.9	330.2	0.4	99.9	12.3	113.
33.9	88.2	9441.7	300.0	-39.1	99.9	257.5	27.6	26.9	6.0	330.2	999.9	99.9	99.9	14.7	105.
35.8	92.4	10032.0	275.0	-44.1	99.9	244.4	29.1	26.2	12.6	331.4	999.9	99.9	99.9	17.4	96.
37.6	96.8	10663.6	250.0	-49.6	99.9	236.5	35.3	29.4	19.5	332.2	999.9	99.9	99.9	21.2	88.
39.7	101.6	11343.2	225.0	-56.0	99.9	231.4	42.3	33.0	26.4	332.7	999.9	99.9	99.9	28.1	78.
42.7	106.8	12087.1	200.0	-59.1	99.9	237.2	45.0	37.8	24.4	339.2	999.9	99.9	99.9	35.3	75.
45.5	112.2	12919.7	175.0	-60.3	99.9	257.7	39.7	38.8	8.5	350.4	999.9	99.9	99.9	42.1	77.
48.8	118.2	13874.6	150.0	-60.6	99.9	275.7	29.6	29.5	-2.9	365.7	999.9	99.9	99.9	47.6	80.
53.1	125.0	15004.3	125.0	-61.6	99.9	278.0	19.7	19.5	-2.7	383.2	999.9	99.9	99.9	52.9	82.
58.3	132.7	16393.3	100.0	-61.7	99.9	276.9	19.2	19.1	-2.3	408.6	999.9	99.9	99.9	58.7	83.
64.3	141.0	18182.3	75.0	-58.5	99.9	268.7	10.6	10.6	0.2	450.2	999.9	99.9	99.9	61.9	83.
73.1	151.0	20742.2	50.0	-56.2	99.9	164.8	3.4	-0.9	3.3	511.2	999.9	99.9	99.9	61.5	83.
86.9	161.5	25220.0	25.0	-50.6	99.9	284.3	2.4	2.4	-0.6	639.4	999.9	99.9	99.9		

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
 DENVER, COLORADO

 20 MAY 1979
 1115 GMT

137 11.0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.7	1611.0	837.7	12.8	10.0	10.0	6.0	-1.0	-5.9	300.6	326.0	9.3	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	21.9	1735.2	825.0	10.9	10.7	99.9	99.9	99.9	99.9	300.1	326.7	9.9	98.5	999.9	999.9
1.5	24.2	1996.0	800.0	9.6	9.4	99.9	99.9	99.9	99.9	301.4	326.7	9.3	98.7	999.9	999.9
2.6	26.6	2259.8	775.0	8.4	8.2	1.5	3.8	-0.1	-3.8	302.6	327.2	8.9	98.6	0.7	175.
3.6	29.0	2531.0	750.0	7.4	7.2	25.7	4.5	-2.0	-4.1	304.6	328.2	8.5	98.8	0.9	181.
4.6	31.4	2810.1	725.0	5.7	5.5	32.4	4.6	-2.5	-3.9	305.7	327.6	7.8	98.6	1.1	189.
5.6	33.9	3056.7	700.0	3.6	3.4	33.8	4.9	-2.7	-4.1	306.5	326.3	7.0	98.6	1.4	193.
6.4	36.4	3391.5	675.0	1.6	1.4	33.5	4.5	-2.5	-3.7	307.5	325.4	6.3	98.3	1.7	196.
7.3	39.0	3655.5	650.0	0.1	-0.2	37.2	4.0	-2.4	-3.2	309.1	325.9	5.8	98.1	1.8	198.
8.1	41.6	4009.4	625.0	-1.9	-2.2	30.6	4.1	-2.1	-3.5	310.3	325.5	5.2	97.9	2.0	197.
9.0	44.2	4333.5	600.0	-4.1*	-4.4	16.8	3.1	-0.9	-2.9	311.3	324.9	4.6	97.9	2.2	200.
10.9	46.9	4667.3	575.0	-8.1*	-8.4	33.4	2.4	1.1	-2.2	310.5	321.0	3.5	97.7	2.5	198.
12.6	49.7	5010.7	550.0	-11.7*	-15.1	296.1	3.8	3.4	-1.7	310.3	316.9	2.2	76.2	2.6	191.
14.3	52.5	5365.2	525.0	-14.4	-13.2	276.2	3.4	3.4	-0.4	311.1	311.7	0.2	6.6	2.7	188.
15.6	55.3	5733.1	500.0	-17.1	-19.2	240.2	4.2	3.6	2.1	312.3	312.6	0.1	4.2	2.6	178.
16.9	58.3	6116.0	475.0	-19.3	-22.2	244.4	6.5	5.9	2.8	314.1	314.1	0.0	1.0	2.4	169.
18.5	61.3	6516.6	450.0	-21.1	-23.4	264.1	7.2	7.1	0.7	316.7	316.7	0.0	1.0	2.4	152.
20.2	64.4	6936.4	425.0	-23.8	-25.1	272.2	7.2	7.2	-0.3	318.5	318.5	0.0	1.0	2.8	140.
22.0	67.6	7376.3	400.0	-27.1	-27.2	266.8	7.2	7.2	0.4	319.6	319.6	0.0	1.0	3.4	130.
23.8	71.0	7838.2	375.0	-30.3	-29.3	253.9	7.4	7.1	2.1	321.6	321.6	0.0	1.0	3.9	121.
25.8	74.4	8325.7	350.0	-33.6	-26.9	250.1	8.5	8.0	2.9	323.4	323.6	0.1	8.7	4.6	112.
27.8	78.0	8840.8	325.0	-38.0	-20.1	239.2	9.9	8.5	5.1	324.2	324.8	0.1	26.4	5.4	104.
30.1	81.7	9387.2	300.0	-42.6	99.9	236.6	10.8	8.0	5.9	325.4	999.9	99.9	999.9	6.4	94.
32.4	85.7	9968.4	275.0	-47.7	99.9	248.5	10.8	10.0	4.0	326.2	999.9	99.9	999.9	7.8	89.
34.8	89.8	10592.1	250.0	-51.7	99.9	255.9	9.4	9.1	2.3	329.2	999.9	99.9	999.9	9.2	86.
37.4	94.2	11272.9	225.0	-54.3	99.9	237.7	10.7	9.0	5.7	335.2	999.9	99.9	999.9	10.5	83.
40.2	98.8	12018.9	200.0	-58.7	99.9	237.0	14.4	12.1	7.8	339.2	999.9	99.9	999.9	12.5	79.
43.4	104.0	12849.3	175.0	-62.3	99.9	241.8	13.2	11.6	6.2	347.2	999.9	99.9	999.9	15.1	75.
47.3	109.4	13808.2	150.0	-61.0	99.9	248.2	15.7	14.6	5.8	365.0	999.9	99.9	999.9	18.3	74.
51.4	115.5	14937.3	125.0	-62.1	99.9	261.6	15.4	15.2	2.2	382.6	999.9	99.9	999.9	22.3	74.
56.8	122.3	16324.5	100.0	-60.0	99.9	259.3	15.0	14.7	2.8	411.9	999.9	99.9	999.9	27.1	75.
63.5	130.3	18117.8	75.0	-60.1	99.9	276.6	10.7	10.6	-1.2	447.0	999.9	99.9	999.9	32.6	77.
72.0	139.5	20680.7	50.0	-55.7	99.9	316.6	3.1	2.1	-2.3	512.2	999.9	99.9	999.9	35.0	79.
85.4	150.0	25133.3	25.0	-50.8	99.9	999.9	99.9	99.9	99.9	638.7	999.9	99.9	999.9	33.8	79.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
 DENVER, COLORADO

 20 MAY 1979
 1405 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.6	1611.0	841.0	10.0	7.8	10.0	9.0	-1.6	-8.9	297.5	318.9	7.9	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	24.3	1770.0	825.0	7.2	6.7	3.1	12.4	-0.7	-12.4	296.2	316.3	7.5	96.8	0.5	184.
1.4	26.9	2022.8	800.0	5.3	5.3	13.9	12.2	-2.9	-11.8	296.9	315.7	7.0	100.3	1.0	186.
2.4	29.6	2282.2	775.0	3.9	3.8	22.7	11.5	-4.5	-10.6	298.0	315.8	6.5	99.9	1.8	191.
3.4	32.3	2545.1	750.0	4.1	4.1	45.9	9.3	-6.7	-6.5	301.1	320.1	6.9	99.9	2.4	197.
4.4	35.1	2825.1	725.0	3.2	3.2	61.6	8.6	-7.6	-4.1	303.0	321.6	6.7	100.6	2.8	204.
5.5	39.0	3109.5	700.0	1.9	1.9	74.9	6.6	-6.3	-1.7	304.6	322.3	6.3	99.6	3.2	210.
6.5	40.8	3402.9	675.0	0.5	0.4	79.6	4.9	-4.8	-0.9	306.2	322.8	5.8	99.4	3.4	214.
7.5	43.8	3705.5	650.0	-0.9	-1.0	73.3	3.9	-3.7	-1.1	308.0	323.8	5.5	99.2	3.6	217.
8.5	46.8	4018.4	625.0	-2.5	-2.7	22.0	2.1	-0.8	-1.9	309.6	324.2	5.0	98.7	3.8	218.
9.7	49.3	4341.6	600.0	-4.1	-5.9	29.5	1.8	1.6	-0.7	311.3	323.6	4.1	87.6	3.8	217.
10.9	52.9	4677.2	575.0	-5.6	-6.8	241.9	2.3	2.1	1.1	313.4	325.4	4.0	91.4	3.7	215.
12.2	56.0	5024.6	550.0	-7.9	-8.8	219.8	3.9	2.5	3.0	314.7	325.5	3.6	93.6	3.5	215.
13.5	59.3	5385.5	525.0	-10.4	-12.5	230.0	5.9	4.5	3.8	315.9	324.5	2.8	85.1	3.1	214.
14.8	62.5	5750.3	500.0	-13.4	-17.4	243.8	7.1	6.3	3.1	316.7	319.5	0.8	30.2	2.6	210.
16.1	65.9	6148.7	475.0	-14.7	-19.2	278.1	6.5	6.5	-0.9	319.8	319.9	0.0	1.0	2.3	199.
17.5	69.3	6555.5	450.0	-18.1	-21.6	287.6	5.6	5.3	-1.7	320.5	320.6	0.0	1.0	2.4	187.
19.1	72.8	6979.6	425.0	-21.6	-23.7	274.9	4.8	4.7	-0.4	321.2	321.3	0.0	1.0	2.5	176.
20.7	76.4	7422.9	400.0	-25.4	-26.1	242.8	6.4	5.7	2.9	322.0	322.1	0.0	1.0	2.5	165.
22.5	80.3	7887.7	375.0	-25.1	-26.3	233.8	8.6	6.9	5.1	323.1	323.2	0.0	2.8	2.3	144.
24.5	84.2	8377.4	350.0	-32.7	-33.8	240.2	10.2	8.9	5.1	324.7	325.5	0.2	31.7	2.6	120.
26.5	89.2	8855.4	325.0	-36.4	-37.9	229.2	12.6	9.5	8.3	326.5	326.6	0.0	2.4	3.4	98.
28.6	92.5	9444.8	300.0	-41.3	-42.9	227.1	12.4	9.1	8.5	327.2	327.2	99.9	99.9	4.6	81.
30.6	97.0	10025.6	275.0	-46.1	-47.9	240.4	13.1	10.6	6.0	328.4	328.4	99.9	99.9	5.9	75.
32.8	101.7	10656.4	250.0	-50.9	-51.9	248.6	12.2	11.2	4.9	330.4	330.4	99.9	99.9	7.5	73.
35.6	106.6	11336.2	225.0	-54.0	-54.9	233.1	14.1	11.3	8.4	335.8	335.8	99.9	99.9	9.6	70.
39.4	112.0	12084.4	200.0	-57.9	-58.9	240.3	16.5	14.3	8.2	341.0	341.0	99.9	99.9	12.1	67.
41.3	117.7	12918.4	175.0	-61.9	-62.9	244.8	16.6	15.0	7.1	347.2	347.2	99.9	99.9	14.9	66.
44.9	124.0	13871.4	150.0	-61.0	-61.9	253.8	18.1	17.4	5.1	365.0	365.0	99.9	99.9	18.7	66.
48.8	131.0	15066.7	125.0	-59.4	-59.9	272.0	16.5	16.5	-0.6	397.5	397.5	99.9	99.9	22.5	70.
53.6	138.7	16411.2	100.0	-57.1	-57.9	263.5	14.6	14.6	1.2	417.3	417.3	99.9	99.9	27.0	73.
59.6	147.5	18211.4	75.0	-58.3	-58.9	276.9	8.1	9.0	-1.0	450.7	450.7	99.9	99.9	31.0	75.
65.1	157.3	20794.7	50.0	-54.6	-54.9	192.1	3.4	0.7	3.4	514.9	514.9	99.9	99.9	33.0	76.
80.6	167.3	25286.9	25.0	-48.2	-48.9	208.3	3.4	1.6	3.0	646.6	646.6	99.9	99.9	33.3	73.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IS
 OF POOR QUALITY

C-2

STATION NO. 469
DENVER, COLORADO20 MAY 1579
1705 GMT

152 15. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.6	1611.0	844.2	5.6	4.1	30.0	5.1	-2.5	-4.4	292.6	308.9	6.1	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.8	22.5	1798.8	825.0	3.4	3.4	599.9	99.9	99.9	99.9	292.2	308.0	5.9	100.5	999.9	999.9
1.5	25.0	2048.0	800.0	2.0	2.0	999.9	99.9	99.9	99.9	293.3	308.3	5.6	100.5	999.9	999.9
2.5	27.5	2304.1	775.0	0.4	0.4	31.0	6.5	-3.3	-5.6	294.2	308.1	5.1	100.3	1.0	210.
3.4	30.1	2567.2	750.0	0.0	0.0	36.1	5.6	-3.3	-4.5	296.6	310.7	5.1	100.2	1.4	211.
4.3	32.8	2838.4	725.0	-1.9	-1.9	44.7	4.3	-3.0	-3.1	297.0	310.3	4.6	100.0	1.6	212.
5.3	35.4	3117.7	700.0	-1.3	-1.3	96.6	4.2	-4.2	0.5	301.1	315.2	5.0	100.0	1.8	215.
6.2	38.1	3409.3	675.0	-0.2	-0.2	133.0	5.6	-4.1	3.8	305.5	321.5	5.6	100.2	1.9	223.
7.3	40.9	3711.2	650.0	-1.6	-1.6	136.1	5.3	-3.7	3.8	307.1	322.2	5.2	100.0	1.9	235.
8.3	43.7	4023.7	625.0	-2.7	-2.7	149.6	2.2	-1.1	1.9	309.4	324.1	5.0	99.8	1.9	242.
9.3	46.5	4346.9	600.0	-4.5	-4.7	230.0	1.5	1.2	1.0	310.9	324.2	4.5	98.9	1.9	243.
10.3	49.5	4681.7	575.0	-5.8	-5.9	241.2	2.5	2.6	1.4	313.2	326.0	4.3	99.4	1.7	243.
11.3	52.4	5029.7	550.0	-7.4	-7.7	223.1	4.3	3.0	3.2	315.3	327.1	3.9	97.9	1.5	244.
12.4	55.5	5390.6	525.0	-9.8	-10.2	229.1	5.4	4.1	3.5	316.0	326.9	3.3	96.8	1.2	252.
13.6	58.6	5763.7	500.0	-15.4	-15.7	277.2	5.0	4.9	-0.6	314.2	314.4	0.0	1.0	0.9	252.
14.8	61.8	6149.1	475.0	-17.9	-18.3	303.8	4.7	3.9	-2.6	315.9	316.0	0.0	1.0	0.7	231.
16.0	65.0	6550.8	450.0	-20.8	-21.4	293.6	4.3	3.5	-1.7	317.2	317.3	0.0	2.1	0.6	203.
17.4	68.4	6971.2	425.0	-23.7	-24.7	276.4	4.9	4.9	-0.6	318.6	318.9	0.1	5.4	0.7	172.
18.8	71.9	7411.3	400.0	-26.8	-27.0	249.8	7.3	6.8	2.5	320.1	320.5	0.1	9.0	0.9	136.
20.3	75.5	7875.7	375.0	-29.0	-30.0	229.7	10.0	7.5	6.6	323.1	324.7	0.4	45.4	1.2	98.
21.8	79.3	8365.5	350.0	-32.7	-34.8	220.1	11.9	8.1	8.6	324.7	325.7	0.3	39.3	2.0	75.
23.6	83.1	8882.9	325.0	-37.1	-40.7	220.1	15.1	7.8	9.2	325.4	326.4	0.2	44.6	3.2	61.
25.5	87.2	9431.1	300.0	-41.7	-45.9	235.5	11.7	9.6	6.6	326.4	326.9	99.9	999.9	4.5	57.
27.5	91.3	10015.1	275.0	-46.3	-50.9	248.8	12.4	11.5	4.5	328.2	329.9	99.9	999.9	5.9	59.
29.6	95.8	10642.7	250.0	-50.4	-55.9	237.7	14.6	12.4	7.8	331.2	332.7	99.9	999.9	7.5	60.
31.9	100.6	11323.1	225.0	-54.6	-60.9	235.4	15.5	16.1	11.1	334.2	334.9	99.9	999.9	9.9	59.
34.6	105.6	12070.6	200.0	-58.0	-65.9	244.4	18.3	16.5	7.9	340.5	340.9	99.9	999.9	13.1	59.
37.5	111.2	12902.5	175.0	-62.0	-69.9	246.7	18.7	17.1	7.4	347.6	347.6	99.9	999.9	16.3	60.
40.9	117.2	13857.7	150.0	-66.4	-74.9	268.9	17.4	17.4	0.3	366.0	366.0	99.9	999.9	20.0	63.
45.1	124.0	15005.1	125.0	-68.4	-78.9	269.7	11.1	11.1	0.1	389.2	389.2	99.9	999.9	22.8	68.
50.2	132.0	16402.3	100.0	-59.3	-69.9	264.3	13.8	13.7	1.4	413.2	413.2	99.9	999.9	26.4	70.
56.1	141.0	18207.6	75.0	-57.7	-69.9	255.8	9.7	9.4	2.4	451.5	451.5	99.9	999.9	30.8	72.
64.0	152.5	20773.9	50.0	-54.1	-69.9	210.2	4.4	2.2	3.8	516.1	516.1	99.9	999.9	33.3	71.
76.7	166.0	25256.6	25.0	-50.7	-69.9	314.6	1.5	1.1	-1.0	638.2	638.2	99.9	999.9	34.4	69.

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* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO20 MAY 1979
2005 GMT

142 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEV PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.5	1811.0	843.2	7.8	4.0	90.0	4.1	-4.1	0.0	295.6	311.5	6.1	77.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	23.4	1790.3	825.0	4.9	3.7	999.9	99.9	99.9	99.9	293.8	310.1	6.1	91.9	999.9	999.9
1.5	25.9	2040.7	800.0	2.8	2.5	999.9	99.9	99.9	99.9	294.1	307.8	5.0	99.4	0.4	28.4
2.4	23.6	2557.2	775.0	0.3	0.2	181.3	1.4	0.0	1.4	294.1	307.8	5.0	99.4	0.4	28.4
3.4	31.2	2560.4	750.0	-0.2	-0.4	278.8	1.9	1.9	-0.3	296.3	310.0	4.8	88.1	999.9	999.9
4.3	33.9	2832.1	725.0	0.3	-1.4	999.9	99.9	99.9	99.9	299.8	313.2	4.8	99.9	999.9	999.9
5.3	35.7	3113.9	700.0	0.8*	99.9	999.9	99.9	99.9	99.9	303.3	309.9	99.9	99.9	999.9	999.9
6.3	39.4	3406.5	675.0	1.1	99.9	999.9	99.9	99.9	99.9	306.5	309.9	99.9	99.9	999.9	999.9
7.5	42.2	3709.1	650.0	-0.5*	99.9	999.9	99.9	99.9	99.9	308.4	309.9	99.9	99.9	999.9	999.9
8.6	45.1	4021.2	625.0	-2.5*	99.9	999.9	99.9	99.9	99.9	311.2	324.0	4.3	92.9	999.9	999.9
9.7	48.0	4344.1	600.0	-4.2	-5.2	999.9	99.9	99.9	99.9	313.3	321.1	2.5	58.8	999.9	999.9
10.9	51.0	4679.5	575.0	-5.8	-12.5	999.9	99.9	99.9	99.9	314.5	316.0	0.4	11.1	1.8	11.
12.1	54.1	5026.4	550.0	-8.1	-33.2	282.4	6.1	6.0	-1.3	316.6	322.6	1.9	54.7	1.8	27.
13.4	57.1	5386.5	525.0	-9.8	-17.2	279.3	7.6	7.5	-1.2	317.9	318.3	0.1	4.1	2.1	44.
14.3	63.4	5761.3	500.0	-12.4	-48.3	287.9	7.1	6.8	-2.2	319.2	319.3	0.0	1.0	2.3	55.
16.0	63.6	6151.1	475.0	-15.2	-59.6	286.2	5.6	5.4	-1.6	319.2	319.3	0.0	1.0	2.7	62.
17.4	67.0	6557.0	450.0	-18.1	-61.4	286.8	7.4	7.4	0.4	320.5	320.6	0.0	1.0	2.7	62.
18.7	70.6	6982.1	425.0	-21.0	-77.4	263.0	9.7	9.6	1.7	322.1	323.4	0.4	22.1	3.4	66.
20.3	74.1	7427.1	400.0	-23.8	-39.1	255.7	10.8	10.5	2.7	324.1	325.3	0.3	22.7	4.3	68.
22.0	77.8	7895.0	375.0	-27.7	-43.6	253.0	11.0	10.5	3.2	325.0	325.7	0.2	20.1	5.4	70.
23.8	81.7	8386.9	350.0	-31.7	-56.2	246.1	12.7	11.6	5.1	326.1	326.3	0.1	6.8	6.7	70.
25.7	85.7	8906.3	325.0	-36.2	-60.5	248.5	12.4	11.5	4.5	326.8	326.9	0.0	6.1	8.1	69.
27.5	89.3	9455.5	300.0	-41.3	59.9	252.6	11.2	10.7	3.4	328.0	328.0	99.9	99.9	9.4	69.
29.5	94.3	10039.6	275.0	-46.4	59.9	236.7	13.4	11.2	7.4	332.5	332.5	99.9	99.9	10.8	69.
31.6	98.0	10668.3	250.0	-45.5	99.9	229.9	20.5	15.6	13.2	332.5	332.5	99.9	99.9	12.8	66.
34.0	104.0	11350.5	225.0	-54.5	99.9	231.3	19.9	18.9	6.4	335.0	335.0	99.9	99.9	15.9	64.
36.6	109.4	12099.2	200.0	-58.2	99.9	253.0	17.2	16.4	5.0	340.7	340.7	99.9	99.9	18.5	66.
39.5	115.2	12932.5	175.0	-62.1	99.9	243.4	19.5	18.7	5.6	347.4	347.4	99.9	99.9	21.8	66.
42.9	121.5	13990.0	150.0	-59.4	99.9	274.0	14.9	14.8	-1.0	367.6	367.6	99.9	99.9	25.3	69.
46.9	123.7	15029.7	125.0	-60.4	99.9	260.3	13.6	13.4	2.3	385.6	385.6	99.9	99.9	28.1	71.
51.9	136.7	16423.7	100.0	-58.5	99.9	266.3	15.0	15.0	1.0	414.7	414.7	99.9	99.9	32.5	73.
57.8	145.7	18231.8	75.0	-58.0	99.9	253.1	10.8	10.4	3.2	451.4	451.4	99.9	99.9	36.8	74.
65.6	155.5	20795.0	50.0	-55.1	99.9	599.9	99.9	99.9	99.9	513.7	513.7	99.9	99.9	40.5	75.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469 DENVER, COLORADO														53 409. 0	
20 MAY 1979															
2305 GMT															
TIME	CNTCT	HEIGHT	PRES	TEMP	DEN PT	DIR	SPEED	U COMP	V COMP	POT T	E POT Y	MX RTO	RH	RANGE	AZ
MIN		GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT	KM	DEG
0.0	22.2	1611.0	841.4	8.9	3.9	130.0	3.6	-2.6	2.3	296.3	312.8	6.1	71.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.8	23.9	1773.1	825.0	6.0	2.5	99.9	99.9	99.9	99.9	295.0	310.1	5.6	77.9	0.0	0.
1.8	26.4	2024.8	800.0	3.8	2.4	99.9	99.9	99.9	99.9	295.2	310.8	5.7	90.5	0.4	320.
3.0	29.0	2282.2	775.0	1.9	1.4	146.4	2.3	-1.3	1.9	295.9	310.8	5.5	96.4	0.6	321.
4.2	31.7	2546.5	750.0	0.7	-0.6	174.9	3.5	-0.3	3.5	297.4	310.9	4.9	90.7	0.7	324.
5.4	34.4	2819.8	725.0	1.3	-0.7	183.8	8.8	0.6	8.8	300.5	315.2	5.1	87.1	1.1	338.
6.9	37.1	3102.0	700.0	-0.1	-0.7	180.1	10.4	1.1	10.4	302.4	317.0	5.2	95.7	1.9	351.
8.3	40.0	3393.7	675.0	0.1	-1.6	200.6	9.4	3.3	3.3	305.8	320.3	5.1	88.5	2.8	357.
10.0	42.9	3656.2	650.0	-0.3	-4.9	214.0	7.1	4.0	5.9	308.7	320.7	4.1	70.9	3.5	5.
12.1	45.8	4010.4	625.0	-0.7	-6.8	219.1	5.1	3.2	4.0	311.7	322.7	3.7	63.1	4.2	10.
13.8	48.8	4335.6	600.0	-2.3	-21.2	250.9	2.6	2.6	0.6	313.4	317.3	1.2	22.2	4.5	13.
16.0	51.9	4671.5	575.0	-5.3	-28.1	275.0	2.5	2.5	-0.4	313.7	315.9	0.7	14.7	4.5	17.
19.2	54.9	5018.9	550.0	-8.3	-14.3	308.6	4.1	3.2	-2.5	314.3	321.4	2.3	61.8	4.4	21.
20.3	58.1	5378.5	525.0	-10.9	-20.1	297.1	4.5	4.0	-2.0	315.4	320.1	1.5	46.3	4.3	29.
23.5	61.4	5751.9	500.0	-13.4	-42.0	280.1	2.8	2.8	-0.5	316.7	317.9	0.3	12.1	4.5	39.
27.5	64.7	6140.8	475.0	-15.5	-59.8	270.1	2.0	2.0	-0.6	319.2	319.6	0.0	1.0	4.8	42.
31.5	68.1	6546.4	450.0	-18.9	-61.9	270.5	3.5	3.5	99.9	320.8	321.1	0.1	4.6	5.2	48.
37.6	71.6	6969.5	425.0	-22.0	-52.0	599.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	6.3	63.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
 DENVER, COLORADO

 21 MAY 1979
 205 GMT

148 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.1	1611.0	840.1	8.9	4.1	120.0	4.1	-3.6	2.0	296.5	313.2	6.2	72.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	23.6	1760.7	825.0	6.5	3.9	119.8	5.2	-4.5	2.6	295.5	312.1	6.1	83.3	0.3	293.
1.4	26.2	2012.9	800.0	5.0	3.3	160.7	5.9	-2.0	5.6	296.4	313.0	6.1	89.0	0.5	299.
2.2	28.8	2271.7	775.0	3.4	2.1	186.1	6.9	0.7	6.5	297.4	313.2	5.8	91.2	0.7	331.
3.2	31.4	2537.3	750.0	1.5	0.9	185.5	7.3	0.7	7.3	298.2	313.4	5.5	95.9	1.0	339.
4.1	34.1	2811.1	725.0	2.6	2.0	202.0	10.6	4.0	9.8	302.3	319.4	6.1	96.1	1.5	351.
5.1	36.9	3095.8	700.0	3.1	-0.6	209.7	9.8	4.9	8.5	305.5	320.9	5.2	76.7	2.0	2.
6.1	39.7	3391.2	675.0	2.9	-3.7	200.6	8.4	3.0	7.9	309.6	321.6	4.3	61.4	2.5	7.
7.1	42.6	3696.4	650.0	1.9	-6.0	197.5	5.5	1.7	5.2	311.1	322.4	3.8	55.8	3.0	9.
8.2	45.4	4012.3	625.0	0.3	-10.1	176.8	2.0	-0.1	2.0	312.6	321.5	2.9	45.6	3.1	9.
9.3	48.4	4338.4	600.0	-1.8	-19.5	110.7	1.0	-1.0	0.4	314.0	318.4	1.4	24.8	3.2	8.
10.4	51.4	4675.1	575.0	-4.8	-11.9	22.8	1.4	-0.6	-1.3	314.4	322.6	2.7	57.0	3.2	7.
11.6	54.5	5023.4	550.0	-7.4	-14.5	332.4	2.9	1.3	-2.6	315.2	322.4	2.3	56.9	3.0	9.
12.8	57.8	5384.3	525.0	-9.9	-21.7	311.8	2.9	2.2	-1.9	316.5	320.7	1.3	37.5	2.9	12.
14.0	61.0	5758.7	500.0	-12.2	-27.6	275.0	2.8	2.8	-0.3	318.2	318.3	0.0	11.0	2.8	16.
15.3	64.3	6148.8	475.0	-15.0	-35.3	247.2	2.5	2.3	1.0	319.4	319.5	0.0	1.0	2.9	19.
16.6	67.7	6554.8	450.0	-18.6	-33.3	280.3	3.0	3.0	-0.5	319.9	322.0	0.6	33.1	3.0	22.
18.0	71.3	6978.1	425.0	-22.1	-25.7	301.0	4.5	3.8	-2.3	320.6	324.3	1.1	72.8	3.0	28.
19.2	74.9	7421.1	400.0	-25.4	-25.9	294.2	5.5	5.0	-2.3	322.1	325.6	1.0	86.5	3.0	35.
20.9	79.7	7886.5	375.0	-28.8	-33.6	301.2	10.1	8.7	-5.3	323.4	325.6	0.6	65.9	3.2	47.
22.5	82.6	8376.9	350.0	-32.2	-48.2	286.4	12.8	11.4	-5.7	325.3	325.8	0.1	18.6	3.7	66.
24.3	86.7	8896.3	325.0	-35.5	-52.8	280.6	13.3	13.1	-2.4	327.8	328.1	0.1	14.8	4.9	77.
26.2	91.0	9448.4	300.0	-39.9	-59.9	280.8	11.6	11.4	-2.2	329.2	329.4	0.1	15.9	6.3	81.
28.1	95.5	10036.4	275.0	-45.3	-69.9	299.2	9.5	8.3	-4.6	329.7	999.9	99.9	99.9	7.3	86.
30.5	100.3	10645.1	250.0	-50.6	-99.9	306.1	9.2	7.4	-5.4	330.5	999.9	99.9	99.9	8.4	92.
33.0	105.4	11343.9	225.0	-56.1	-99.9	292.1	7.9	7.3	-3.0	332.6	999.9	99.9	99.9	9.5	95.
36.2	111.0	12083.6	200.0	-61.5	-99.9	289.3	9.3	8.8	-3.1	335.3	999.9	99.9	99.9	10.9	97.
38.9	117.0	12910.7	175.0	-62.3	-99.9	277.7	9.3	9.2	-1.2	337.2	999.9	99.9	99.9	12.6	99.
41.9	123.5	13857.8	150.0	-62.3	-99.9	265.3	7.9	7.8	0.6	362.8	999.9	99.9	99.9	14.0	97.
45.9	130.7	14955.6	125.0	-60.9	-99.9	255.9	13.6	13.6	1.0	384.6	999.9	99.9	99.9	16.5	95.
50.7	139.7	16380.0	100.0	-61.7	-99.9	274.9	13.0	12.9	-1.1	408.6	999.9	99.9	99.9	20.4	95.
56.3	147.0	18167.9	75.0	-61.5	-99.9	280.0	10.9	10.7	-1.9	443.9	999.9	99.9	99.9	24.7	94.
64.6	156.3	20728.8	50.0	-55.8	-99.9	276.2	4.3	4.3	-0.5	512.0	999.9	99.9	99.9	27.5	96.
76.7	165.0	25186.7	25.0	-50.3	-99.9	99.9	99.9	99.9	99.9	640.0	999.9	99.9	99.9	26.4	96.

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 505 GMT

148 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.8	1611.0	840.2	6.7	3.3	90.0	3.1	-3.1	0.0	294.1	309.8	5.8	79.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	22.3	1761.7	825.0	7.1	4.4	99.9	99.9	99.9	99.9	296.2	313.5	6.4	82.8	999.9	999.9
1.2	24.6	2014.8	800.0	5.7	4.6	999.9	99.9	99.9	99.9	297.2	315.5	6.7	92.7	999.9	999.9
2.2	27.3	2274.3	775.0	3.8	3.3	999.9	99.9	99.9	99.9	297.9	315.1	6.3	96.1	1.1	1.
3.2	29.9	2541.4	750.0	4.6	3.0	194.7	11.1	2.8	10.8	301.6	319.2	6.3	89.1	1.8	4.
4.0	32.5	2818.5	725.0	5.1	1.5	201.3	9.7	3.5	9.0	305.0	321.8	5.9	77.8	2.3	8.
5.0	35.1	3105.0	700.0	4.4	-1.0	199.6	10.1	3.4	9.5	307.4	322.0	5.1	67.6	2.8	10.
6.0	37.8	3400.5	675.0	2.3	-2.5	198.4	12.0	3.8	11.4	308.2	322.0	4.7	70.3	3.5	12.
7.0	40.6	3705.1	650.0	1.0	-3.9	194.3	10.4	2.6	10.0	310.1	323.1	4.4	69.9	4.2	13.
8.2	43.4	4019.8	625.0	-0.8	-5.9	200.8	5.6	2.0	5.2	311.2	323.3	4.0	68.6	4.8	13.
9.4	46.3	4345.2	600.0	-2.1	-12.1	251.1	2.6	2.5	0.8	313.7	321.5	2.5	46.3	5.1	14.
10.8	49.3	4681.6	575.0	-5.4	-11.5	314.5	3.2	2.3	-2.2	313.7	322.2	2.8	62.3	5.0	16.
12.0	52.3	5029.3	550.0	-7.7	-12.2	333.6	5.2	2.3	-4.7	314.4	323.3	2.7	70.5	4.8	19.
13.3	55.4	5390.0	525.0	-9.9	-16.9	333.4	5.1	2.3	-4.6	316.5	322.7	1.9	56.5	4.5	22.
14.6	58.5	5764.5	500.0	-12.9	-24.3	325.0	5.4	3.1	-4.4	317.3	321.0	1.1	39.4	4.3	26.
16.3	61.8	6153.0	475.0	-16.5	-25.2	317.8	5.6	3.9	-4.3	317.6	321.3	1.1	51.6	4.1	33.
17.5	65.0	6557.7	450.0	-19.1	-24.9	278.7	3.4	3.3	-0.5	319.2	322.9	1.1	60.0	4.0	39.
18.9	68.4	6981.0	425.0	-21.9	-28.0	262.0	4.0	3.9	0.5	320.5	323.9	0.9	57.2	4.3	41.
20.3	72.0	7424.0	400.0	-25.0	-38.4	999.9	99.9	99.9	99.9	322.5	323.7	0.3	27.4	4.5	45.
21.8	75.7	7890.3	375.0	-28.2	-45.1	999.9	99.9	99.9	99.9	324.2	324.9	0.2	17.9	999.9	999.9
23.5	79.5	8381.8	350.0	-31.6*	99.9	999.9	99.9	99.9	99.9	326.1	999.9	99.9	999.9	999.9	999.9
25.4	83.5	8902.0	325.0	-35.6	-61.9	999.9	99.9	99.9	99.9	327.6	327.7	0.0	4.8	5.7	78.
27.3	87.7	9453.0	300.0	-40.7	99.9	294.6	7.8	7.1	-3.3	327.5	999.9	99.9	99.9	6.5	83.
29.4	92.0	10038.5	275.0	-45.7	99.9	311.5	8.6	6.4	-5.7	329.0	999.9	99.9	99.9	7.3	88.
31.8	96.8	10665.6	250.0	-51.3	99.9	337.1	11.0	4.3	-10.1	329.6	999.9	99.9	99.9	8.1	96.
34.2	101.6	11342.7	225.0	-56.3	99.9	334.6	10.2	4.4	-9.2	332.3	999.9	99.9	99.9	9.0	106.
36.8	107.0	12079.5	200.0	-62.3	99.9	301.8	8.6	7.3	-4.6	334.1	999.9	99.9	99.9	10.0	110.
39.9	112.7	12909.6	175.0	-60.2	99.9	276.4	7.5	7.4	-0.8	330.5	999.9	99.9	99.9	11.5	110.
42.9	119.0	13866.8	150.0	-62.1	99.9	268.4	8.2	8.2	0.2	333.1	999.9	99.9	99.9	12.7	108.
46.6	126.0	15000.2	125.0	-61.6	99.9	280.3	12.4	12.2	-2.2	333.5	999.9	99.9	99.9	15.1	106.
51.5	133.7	16383.0	100.0	-62.2	99.9	278.1	13.4	13.3	-1.9	407.6	999.9	99.9	99.9	18.4	105.
57.3	142.3	18174.8	75.0	-58.0	99.9	272.0	5.0	9.0	-0.3	451.5	999.9	99.9	99.9	23.0	103.
65.7	152.0	20737.2	50.0	-56.5	99.9	188.0	3.2	0.4	3.1	510.4	999.9	99.9	99.9	24.5	103.
79.0	161.7	25214.9	25.0	-49.8	99.9	999.9	99.9	99.9	99.9	641.9	999.9	99.9	99.9	24.6	101.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
 DENVER, COLORADO

 21 MAY 1979
 805 GMT

149 11. 0

TIME MIN	CNTCT	HEIGHT GRM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.0	1611.0	838.7	7.8	3.8	290.0	4.1	3.9	-1.4	295.5	311.8	6.0	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
0.3	23.4	1746.9	825.0	6.9	5.0	152.6	2.3	-1.1	2.0	295.5	313.3	6.7	88.1	0.3	112.
1.2	25.0	1999.6	800.0	5.4	4.1	202.1	2.0	0.8	1.9	297.6	314.6	6.5	91.3	0.3	109.
2.2	28.7	2258.7	775.0	3.5	2.8	214.4	5.9	3.3	4.8	297.6	314.3	6.1	95.2	0.4	81.
3.1	31.3	2525.2	750.0	4.2	0.4	201.7	12.4	4.6	11.6	301.2	316.0	5.3	76.4	0.3	50.
4.0	34.0	2802.1	725.0	5.8	-1.7	213.8	12.3	6.8	10.2	305.2	319.3	4.7	58.7	1.5	48.
5.3	36.7	3050.0	700.0	6.1	-5.0	216.3	8.8	5.2	7.1	309.3	320.4	3.8	44.6	2.1	38.
5.9	39.6	3387.5	675.0	4.6	-6.5	217.6	7.5	4.6	5.9	310.2	321.2	3.5	44.5	2.6	37.
7.0	42.4	3653.8	650.0	2.4	-8.2	234.3	6.1	4.9	3.6	311.7	321.2	3.2	45.3	3.2	38.
8.0	45.2	4005.7	625.0	0.1	-9.7	255.2	3.8	3.6	1.0	312.6	321.6	2.9	47.5	3.3	40.
9.2	48.2	4335.6	600.0	-2.3	-11.3	293.8	3.8	3.5	-1.5	313.5	321.7	2.7	50.1	3.4	43.
10.4	51.3	4671.9	575.0	-5.4	-11.9	309.1	4.7	3.6	-3.0	313.7	321.9	2.7	59.8	3.5	48.
11.6	54.4	5019.0	550.0	-8.2	-24.0	311.5	6.3	4.7	-4.2	314.4	317.6	1.0	26.7	3.6	55.
13.3	57.5	5379.0	525.0	-10.1	-44.9	316.0	8.1	5.6	-5.8	316.3	316.8	0.1	3.9	3.7	64.
14.3	61.8	5752.7	500.0	-13.2	-29.7	313.7	8.7	6.3	-6.0	317.0	319.1	0.6	23.5	4.0	73.
15.6	64.1	6141.2	475.0	-16.1	-23.4	295.6	7.6	6.9	-3.3	318.0	322.0	1.2	53.3	4.4	80.
17.1	67.5	6546.5	450.0	-18.7	-27.1	276.9	5.9	5.9	-0.7	319.8	322.9	0.9	49.1	4.9	83.
18.6	71.0	6970.1	425.0	-21.7	-31.9	288.5	7.6	7.2	-2.4	321.2	323.3	0.6	39.0	5.5	86.
20.2	74.7	7413.2	400.0	-25.6	-36.7	305.4	9.1	7.4	-5.3	321.7	323.1	0.4	34.4	6.1	89.
21.8	78.4	7879.0	375.0	-28.2	-49.0	308.8	9.9	7.7	-6.2	324.3	324.8	0.1	11.8	6.9	93.
23.5	82.3	8370.7	350.0	-31.6	-70.2	322.1	3.7	5.4	-6.9	326.2	326.2	0.0	1.0	7.7	98.
25.4	86.5	8890.5	325.0	-35.7	-72.9	323.0	7.3	4.4	-5.8	327.5	327.5	0.0	1.0	8.3	103.
27.5	90.8	9442.0	300.0	-40.4	99.9	311.5	5.8	4.4	-3.9	328.5	328.5	99.9	999.9	9.0	108.
29.7	95.2	10028.9	275.0	-45.3	99.9	319.6	6.6	4.3	-5.1	329.6	329.6	99.9	999.9	9.7	108.
32.2	101.0	10657.9	250.0	-50.2	99.9	325.1	9.1	5.2	-7.5	331.5	331.5	99.9	999.9	10.6	111.
34.9	105.2	11337.8	225.0	-55.6	99.9	318.0	9.3	6.2	-6.9	333.2	333.2	99.9	999.9	12.0	116.
37.7	110.6	12077.9	200.0	-61.3	99.9	295.9	8.0	7.2	-3.5	335.7	335.7	99.9	999.9	13.3	117.
40.9	116.5	12904.6	175.0	-60.8	99.9	292.6	7.6	7.0	-2.9	349.6	349.6	99.9	999.9	14.8	118.
44.1	123.0	13859.3	150.0	-61.9	99.9	271.6	7.7	7.7	-0.2	353.4	353.4	99.9	999.9	16.2	116.
48.2	130.0	14987.3	125.0	-61.3	99.9	285.7	9.9	9.5	-2.7	363.9	363.9	99.9	999.9	18.3	113.
53.1	138.0	16364.3	100.0	-63.2	99.9	279.7	12.7	12.6	-2.2	405.6	405.6	99.9	999.9	21.4	112.
59.3	145.7	18144.7	75.0	-61.4	99.9	263.2	9.2	9.2	1.1	444.2	444.2	99.9	999.9	25.8	110.
67.9	156.0	20682.8	50.0	-57.3	99.9	240.8	3.8	3.3	1.8	508.6	508.6	99.9	999.9	29.9	108.
80.9	165.0	25143.7	25.0	-50.5	99.9	999.9	99.9	99.9	99.9	639.6	639.6	99.9	999.9	30.0	107.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO

21 MAY 1979
1105 GMT

110 117. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.3	1611.0	838.3	7.2	4.7	340.0	2.6	0.9	-2.4	294.5	312.2	6.4	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	23.6	1742.6	825.0	5.9	4.9	340.2	4.2	1.4	-3.9	294.6	312.6	6.6	93.7	0.1	155.
1.4	26.2	1994.4	800.0	4.7	4.0	311.0	2.7	2.0	-1.8	296.2	313.6	6.4	95.2	0.3	155.
2.3	28.8	2253.2	775.0	3.1	2.7	234.2	2.5	2.0	1.5	297.2	313.7	6.0	97.1	0.3	141.
3.3	31.4	2515.0	750.0	3.0	1.4	227.4	5.6	4.1	3.8	299.8	315.6	5.7	90.0	0.3	106.
4.3	34.1	2795.9	725.0	7.8	-3.6	292.5	5.1	4.7	-2.0	308.0	319.9	4.1	44.3	0.7	89.
5.5	36.8	3085.4	700.0	7.4	-7.9	334.3	5.8	2.5	-5.2	310.7	319.8	3.0	32.8	0.9	105.
6.6	39.6	3383.5	675.0	4.9	-8.2	335.3	6.8	2.8	-6.2	311.1	320.3	3.1	38.1	1.7	122.
7.8	42.3	3689.8	650.0	2.1	-11.3	321.2	6.3	4.0	-4.9	311.3	318.9	2.5	36.3	3.1	129.
9.0	45.2	4005.2	625.0	-0.4	-9.2	320.4	4.7	3.0	-3.6	312.0	321.2	3.0	51.3	2.1	131.
10.3	43.1	4330.0	600.0	-3.4	-11.0	315.6	4.0	2.8	-2.8	312.1	320.5	2.8	55.7	2.4	132.
11.6	51.1	4665.0	575.0	-5.8	-26.3	310.8	5.6	4.2	-3.7	313.2	315.8	0.8	18.5	2.8	132.
12.8	54.1	5011.7	550.0	-6.2	-33.5	316.3	5.9	4.1	-4.3	314.3	315.7	0.4	10.9	3.2	132.
14.1	57.3	5371.0	525.0	-11.0	-29.8	317.0	6.0	4.1	-4.4	315.2	317.3	0.6	19.6	3.6	133.
15.6	60.5	5744.3	500.0	-13.4	-34.6	308.5	6.2	4.8	-3.8	316.7	318.1	0.4	14.7	4.2	133.
16.9	63.8	6132.5	475.0	-16.4	-31.5	297.6	6.1	5.4	-2.8	317.7	319.6	0.6	25.6	4.7	132.
18.4	67.1	6536.2	450.0	-20.0	-34.6	311.0	7.9	6.0	-5.2	318.0	319.6	0.4	26.1	5.2	131.
20.0	70.6	6959.2	425.0	-21.1	-56.1	325.9	10.7	6.0	-8.9	321.5	322.2	0.1	4.0	6.1	132.
21.7	74.1	7404.2	400.0	-24.4	-60.4	328.4	12.0	6.3	-10.2	323.2	323.3	0.0	2.0	7.3	135.
23.5	77.9	7870.9	375.0	-27.9	-61.4	316.2	11.5	7.9	-8.3	324.7	324.8	0.0	2.4	8.6	136.
25.3	81.7	8362.7	350.0	-31.8	-56.0	307.9	11.0	8.7	-6.8	325.9	326.1	0.1	7.0	9.8	136.
27.3	85.8	8882.2	325.0	-35.6	-60.6	294.4	9.0	8.2	-3.7	327.6	327.7	0.0	5.6	10.9	134.
29.4	90.0	9433.9	300.0	-39.9	-62.0	282.8	8.6	8.4	-1.9	329.1	329.2	0.0	7.3	11.9	132.
31.6	94.5	10022.3	275.0	-44.9	99.9	279.6	8.5	8.4	-1.4	330.2	999.9	99.9	999.9	12.9	129.
34.1	99.2	10651.6	250.0	-50.2	99.9	297.4	9.6	8.5	-4.4	331.4	999.9	99.9	999.9	14.1	127.
36.8	104.2	11331.2	225.0	-55.5	99.9	310.8	12.0	9.0	-7.8	333.4	999.9	99.9	999.9	15.9	127.
39.5	109.5	12075.2	200.0	-59.8	99.9	302.8	9.4	7.9	-5.1	338.1	999.9	99.9	999.9	17.6	128.
42.3	115.2	12900.6	175.0	-63.4	99.9	307.6	10.9	8.7	-6.7	345.3	999.9	99.9	999.9	19.2	127.
45.5	121.7	13854.9	150.0	-61.6	99.9	290.2	11.8	11.1	-4.1	363.6	999.9	99.9	999.9	21.6	127.
49.9	129.7	14994.0	125.0	-60.3	99.9	999.9	99.9	99.9	99.9	385.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS20 MAY 1979
1105 GMT

160 12.0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	200.0	990.8	12.8	10.0	160.0	1.5	-0.5	1.4	286.7	306.8	7.8	83.0	0.0	0.
90.9	90.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.5	9.9	336.2	950.0	15.2	11.0	163.3	4.7	-1.4	4.5	290.5	312.6	8.5	76.0	0.2	329.
1.3	11.2	557.7	950.0	16.1	9.5	147.5	3.1	-1.7	2.6	293.5	314.6	7.9	65.1	0.4	335.
2.2	13.5	784.3	925.0	15.3	5.9	167.5	1.0	-0.2	1.0	295.0	312.1	6.3	53.4	0.5	331.
3.0	15.8	1016.0	900.0	13.8	4.4	254.0	1.4	1.3	0.4	295.7	311.6	5.8	52.9	0.5	335.
3.9	18.1	1253.2	875.0	12.5	3.7	288.7	3.4	3.2	-1.1	296.2	312.4	5.7	54.9	0.5	348.
4.9	20.5	1496.0	850.0	10.9	2.3	284.9	5.9	5.7	-1.5	297.6	312.3	5.3	55.2	0.4	21.
5.8	23.0	1744.6	825.0	10.1	-2.4	278.3	7.7	7.6	-1.1	299.3	310.4	3.9	41.3	0.6	62.
6.8	25.5	2000.3	800.0	9.2	-7.7	256.6	6.1	6.0	1.4	300.9	308.9	2.7	30.0	1.0	74.
7.8	28.0	2262.3	775.0	8.0	-14.1	229.6	3.6	2.7	2.3	302.4	307.4	1.7	19.1	1.3	72.
8.8	30.5	2531.9	750.0	5.9	-12.1	251.4	1.5	1.4	0.5	303.0	309.1	2.0	26.1	1.4	68.
9.8	33.1	2808.3	725.0	3.8	-7.7	300.7	2.1	1.8	-1.1	303.6	312.3	2.9	42.6	1.5	71.
10.9	35.7	3092.6	700.0	2.1	-5.4	280.6	3.5	3.5	-0.6	304.8	315.4	3.6	57.6	1.6	75.
12.0	38.4	3361.4	675.0	0.1	-3.6	258.5	4.9	4.8	1.0	305.2	316.7	3.7	65.3	1.9	77.
13.1	41.2	3687.0	650.0	-2.0	-9.2	245.8	6.6	6.0	2.7	306.7	315.4	2.9	58.0	2.2	76.
14.2	44.0	3997.8	625.0	-4.3	-5.3	245.2	7.8	7.1	3.3	307.2	319.6	4.1	93.3	2.7	74.
15.3	46.9	4319.6	600.0	-5.1	-5.2	240.6	9.1	7.9	4.5	310.3	323.1	4.3	99.0	3.3	72.
16.6	49.8	4653.2	575.0	-7.6	-8.6	242.0	9.3	8.2	4.3	311.1	321.6	3.5	92.5	4.0	70.
17.9	52.8	4997.8	550.0	-10.1	-11.8	257.2	10.0	9.7	2.2	312.1	320.7	2.8	87.6	4.7	69.
19.1	55.9	5355.3	525.0	-12.2	-21.4	275.1	11.6	11.5	-1.0	313.2	318.1	1.3	46.3	5.4	72.
20.3	59.0	5726.4	500.0	-14.9	-25.1	287.3	14.6	13.9	-4.3	314.5	318.2	1.0	41.2	6.3	76.
21.7	62.3	6113.8	475.0	-16.2	-30.8	285.3	17.7	17.0	-4.7	317.9	320.0	0.6	27.1	7.5	82.
23.3	65.6	6519.4	450.0	-17.9	-42.5	283.1	20.5	20.0	-4.6	320.2	321.5	0.2	9.5	9.2	86.
24.8	69.0	6944.5	425.0	-20.5	-38.9	279.9	20.8	20.5	-3.6	322.7	323.8	0.3	17.4	11.0	89.
26.4	72.6	7389.4	400.0	-24.8	-36.7	276.5	22.0	21.9	-2.5	322.8	324.3	0.4	32.2	13.0	90.
28.1	76.3	7855.7	375.0	-28.3	-35.2	272.5	25.6	25.6	-1.1	324.1	325.9	0.5	51.4	15.4	91.
29.9	80.0	8347.8	350.0	-31.6	-34.8	265.3	27.3	27.2	2.3	326.2	328.2	0.6	73.0	18.3	90.
31.9	84.0	8867.9	325.0	-35.7	-33.8	262.2	29.9	29.7	4.0	327.4	328.9	0.4	73.1	21.7	90.
34.0	88.2	9415.7	300.0	-39.8	-39.9	266.2	32.5	32.4	2.1	329.3	329.9	99.9	999.9	25.5	89.
35.8	92.5	10008.4	275.0	-44.1	-39.9	277.2	37.6	37.3	-4.7	331.3	329.9	99.9	999.9	29.4	89.
37.4	97.0	10641.3	250.0	-48.9	-39.9	280.4	44.0	43.3	-8.0	333.4	329.9	99.9	999.9	33.0	90.
39.7	102.0	11324.5	225.0	-53.9	-39.9	275.3	51.0	50.8	-4.7	335.9	329.9	99.9	999.9	39.7	91.
42.4	107.2	12071.0	200.0	-55.7	-39.9	271.8	50.9	50.9	-1.6	338.2	329.9	99.9	999.9	48.0	92.
45.2	112.7	12903.0	175.0	-60.8	-39.9	283.6	46.0	44.8	-10.8	349.7	329.9	99.9	999.9	56.5	92.
48.2	119.0	13858.7	150.0	-61.3	-39.9	286.8	28.7	27.5	-8.3	364.5	329.9	99.9	999.9	63.1	94.
52.1	125.7	14954.1	125.0	-59.1	-39.9	287.9	19.2	18.3	-5.9	368.0	329.9	99.9	999.9	68.2	95.
56.7	133.2	16393.8	100.0	-60.1	-39.9	258.9	11.5	11.3	2.2	411.7	329.9	99.9	999.9	71.4	95.
62.5	141.7	18203.5	75.0	-55.6	-39.9	266.7	7.7	7.7	0.4	456.3	329.9	99.9	999.9	74.7	95.
70.0	151.0	20787.7	50.0	-54.1	-39.9	295.1	4.0	3.6	-1.7	516.0	329.9	99.9	999.9	76.6	94.
81.7	161.0	25375.9	25.0	-50.6	-39.9	999.9	99.9	99.9	99.9	639.3	329.9	99.9	999.9	76.3	93.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS20 MAY 1979
1405 GMT

164 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	200.0	991.6	16.1	12.8	160.0	3.6	-1.2	3.4	290.0	314.4	9.5	81.0	0.0	0.
9.9	9.9	99.9	1000.0	95.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
0.6	9.9	343.9	975.0	15.8	12.3	999.9	99.9	99.9	99.9	291.0	315.1	9.3	79.6	999.9	999.9
1.4	11.3	564.9	950.0	16.2	9.5	999.9	99.9	99.9	99.9	293.6	318.7	7.9	64.9	999.9	999.9
2.3	13.8	791.6	925.0	15.4	6.2	150.2	2.4	-1.2	2.1	295.1	312.5	6.5	54.2	0.5	337.
3.2	16.2	1023.4	900.0	13.8	4.8	174.5	2.2	-0.2	2.2	295.2	312.2	6.0	54.4	0.6	339.
4.2	18.8	1260.3	875.0	12.0	4.4	234.7	1.3	1.1	0.8	296.2	312.6	6.0	59.9	0.7	343.
5.1	21.3	1502.4	850.0	5.9	3.8	306.5	3.4	2.7	-2.0	296.5	312.8	6.0	66.0	0.7	349.
6.2	23.9	1750.1	825.0	8.3	2.4	314.8	5.6	4.0	-3.9	297.4	312.6	5.5	66.1	0.4	11.
7.2	26.5	2004.2	800.0	7.2	-1.9	291.3	5.2	4.9	-1.9	298.2	310.6	4.2	52.6	0.4	58.
8.1	29.1	2265.6	775.0	6.0	-12.3	238.7	3.9	3.4	2.0	302.4	308.1	1.9	22.1	0.6	71.
9.1	31.8	2535.7	750.0	6.8	-13.4	221.8	2.8	1.9	2.1	304.0	309.4	1.8	22.0	0.8	64.
10.2	34.6	2813.1	725.0	4.5	-7.7	224.6	2.5	1.8	1.8	304.5	313.2	3.0	40.6	1.0	61.
11.2	37.3	3097.9	700.0	2.4	-6.5	222.9	4.0	2.7	2.9	305.1	315.0	3.4	52.1	1.2	59.
12.5	40.2	3390.6	675.0	-0.2	-9.0	222.8	6.0	4.1	4.4	305.2	314.0	2.9	51.5	1.5	54.
13.6	43.0	3692.0	650.0	-1.7	-13.6	227.3	8.2	6.0	5.5	307.0	313.3	2.1	39.6	2.0	52.
14.8	46.0	4003.6	625.0	-3.4	-13.4	236.7	9.6	8.0	5.3	308.2	322.4	4.8	100.1	2.6	52.
16.0	49.0	4326.0	600.0	-5.2	-5.6	246.6	9.1	8.4	3.6	310.1	322.4	4.2	97.1	3.3	54.
17.2	52.0	4658.9	575.0	-7.9	-8.2	255.0	8.5	8.2	2.2	310.7	321.5	3.6	98.2	3.9	57.
18.4	55.1	5003.2	550.0	-10.5	-11.4	259.3	8.4	8.3	1.6	311.7	320.5	2.9	92.8	4.5	59.
19.6	58.4	5360.2	525.0	-12.5	-19.6	269.7	9.7	9.7	0.1	313.5	318.7	1.7	59.2	5.1	62.
20.8	61.7	5732.2	500.0	-17.9	-36.7	274.8	12.8	12.8	-1.1	316.1	317.6	0.4	17.0	5.8	66.
22.0	65.1	6120.1	475.0	-16.3	-36.7	280.1	15.1	14.9	-2.6	317.2	319.0	0.3	15.1	6.7	71.
23.6	68.6	6525.5	450.0	-18.6	-40.0	273.7	16.3	16.2	-1.0	319.9	320.8	0.3	13.1	8.0	76.
25.1	72.1	6949.3	425.0	-21.3	-33.4	270.4	19.4	19.4	-0.1	321.7	323.6	0.5	32.5	9.5	78.
26.6	75.8	7393.2	400.0	-25.6	-35.2	273.6	19.9	19.8	-1.2	321.7	323.4	0.5	40.0	11.3	81.
28.2	79.6	7858.6	375.0	-28.4	-31.4	270.6	20.7	20.7	-0.2	324.0	325.5	0.7	75.7	13.2	82.
29.9	83.7	8349.8	350.0	-31.6	-35.6	262.0	24.8	24.6	3.4	326.2	328.1	0.5	67.3	15.4	83.
31.5	87.7	8871.4	325.0	-34.7	-39.2	260.1	29.3	28.8	5.0	328.9	330.3	0.4	63.2	18.1	82.
33.4	92.0	9425.2	300.0	-39.1	-44.3	269.6	34.5	34.5	0.2	330.2	331.1	0.2	57.8	21.6	83.
35.4	96.6	10015.7	275.0	-43.7	99.9	264.6	39.6	39.4	3.7	332.0	999.9	99.9	999.9	26.1	84.
37.4	101.4	10649.4	250.0	-48.9	99.9	255.1	44.1	42.7	11.3	333.4	999.9	99.9	999.9	30.9	83.
39.6	106.4	11332.9	225.0	-54.2	99.9	256.9	50.1	48.8	11.3	335.2	999.9	99.9	999.9	37.2	82.
42.1	112.0	12077.8	200.0	-60.5	99.9	259.1	53.8	52.8	10.2	337.0	999.9	99.9	999.9	45.2	81.
44.9	117.7	12903.0	175.0	-63.9	99.9	277.0	46.8	46.4	-5.7	344.5	999.9	99.9	999.9	53.9	82.
48.1	124.2	13661.2	150.0	-57.6	99.9	286.3	23.0	22.1	-6.5	370.2	999.9	99.9	999.9	60.2	85.
51.9	131.2	15005.2	125.0	-59.7	99.9	265.7	13.7	13.6	1.0	386.5	999.9	99.9	999.9	63.5	85.
55.5	139.0	16358.8	100.0	-59.1	99.9	255.8	14.1	13.7	3.5	413.7	999.9	99.9	999.9	67.2	85.
62.5	147.7	18200.3	75.0	-58.4	99.9	246.0	7.3	6.6	3.0	450.5	999.9	99.9	999.9	71.0	85.
70.4	157.0	20769.3	50.0	-57.0	99.9	201.2	3.5	1.3	3.3	509.2	999.9	99.9	999.9	72.5	84.
82.3	166.0	25243.3	25.0	-49.8	99.9	999.9	99.9	99.9	99.9	641.4	999.9	99.9	999.9	73.5	83.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS20 MAY 1979
1705 GMT

151 36. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	200.0	990.8	20.6	14.0	180.0	1.5	0.0	1.5	294.5	321.4	10.2	66.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	9.3	338.7	975.0	19.1	11.4	999.9	99.9	99.9	99.9	294.3	317.4	8.7	61.0	999.9	999.9
1.5	11.5	561.6	950.0	17.2	10.3	999.9	99.9	99.9	99.9	294.7	316.8	8.3	63.6	999.9	999.9
2.4	13.9	788.7	925.0	15.4	6.4	999.9	99.9	99.9	99.9	295.1	312.8	6.6	54.9	999.9	999.9
3.3	16.3	1020.8	900.0	14.1	4.4	999.9	99.9	99.9	99.9	296.1	312.0	5.9	52.0	999.9	999.9
4.3	18.6	1257.8	875.0	11.9	3.2	246.1	2.8	2.6	1.1	296.1	311.3	5.5	55.2	0.5	54.
5.2	21.1	1495.8	850.0	9.9	2.0	259.6	3.1	3.1	0.0	296.6	310.8	5.2	57.9	0.7	60.
6.1	23.5	1747.8	825.0	9.4	-3.4	290.2	3.5	3.2	-1.2	298.6	308.8	3.6	40.4	0.8	69.
7.1	26.0	2002.6	800.0	9.0	-6.5	299.3	3.5	3.0	-1.7	300.7	308.1	2.5	28.1	1.0	78.
8.0	29.6	2265.0	775.0	7.5	-9.1	265.4	3.7	3.7	0.3	301.9	309.2	2.5	29.6	1.1	84.
9.0	31.1	2534.1	750.0	5.9	-11.1	232.3	3.8	3.0	2.3	303.0	309.6	2.2	28.1	1.4	79.
10.1	33.8	2810.9	725.0	4.3	-8.0	235.8	3.6	3.0	2.0	304.2	312.7	2.9	40.8	1.6	76.
11.2	36.4	3095.7	700.0	2.3	-14.3	239.2	3.8	3.3	2.0	305.1	310.6	1.8	28.0	1.8	73.
12.3	39.2	3388.3	675.0	0.2	-12.3	244.8	5.5	5.0	2.3	305.9	313.0	2.4	41.9	2.1	72.
13.4	42.0	3689.6	650.0	-2.3	-2.5	249.9	7.2	6.8	1.0	313.5	316.3	0.7	20.7	4.6	66.
14.4	44.8	4000.7	625.0	-3.9	-4.3	238.5	7.6	6.4	-1.4	314.5	317.1	0.6	20.9	5.1	69.
15.6	47.8	4322.5	600.0	-5.7	-6.5	228.5	7.8	5.8	-1.8	316.3	320.9	4.4	21.1	5.8	73.
16.8	50.7	4656.2	575.0	-5.8	-22.2	242.0	8.0	7.1	-0.9	318.3	320.1	0.5	21.3	6.5	76.
18.0	53.8	5002.5	550.0	-8.6	-27.1	252.1	7.6	7.6	0.1	319.3	320.6	0.4	21.2	8.6	80.
19.3	56.9	5361.1	525.0	-11.3	-29.2	259.4	8.7	8.5	-1.4	319.3	321.3	0.3	21.2	9.9	81.
20.6	60.0	5733.9	500.0	-13.8	-31.2	280.5	9.6	9.5	-1.8	321.2	322.1	0.3	22.3	11.7	83.
22.0	63.3	6122.6	475.0	-15.9	-32.9	274.8	10.7	10.6	-0.9	323.5	324.2	0.3	31.5	14.5	84.
23.5	66.7	6527.6	450.0	-19.1	-35.9	269.5	11.5	11.5	0.1	324.2	326.5	0.3	40.1	17.7	85.
25.0	70.1	6950.5	425.0	-22.5	-38.6	268.9	13.0	13.0	0.3	325.5	327.9	0.2	36.6	21.8	85.
26.6	73.8	7392.8	400.0	-26.0	-41.2	271.9	15.7	15.7	-0.5	327.2	330.6	0.1	32.4	26.7	84.
28.3	77.5	7857.6	375.0	-29.1	-40.6	271.2	22.0	22.0	-0.5	330.1	330.6	99.9	999.9	31.9	82.
30.0	81.3	8347.9	350.0	-32.1	-41.1	257.5	30.7	30.6	1.3	335.2	335.2	99.9	999.9	37.8	79.
31.6	85.3	8867.1	325.0	-35.9	-45.4	257.6	35.8	35.8	1.5	335.9	335.9	99.9	999.9	44.2	78.
33.4	89.5	9419.4	300.0	-39.2	-49.5	264.4	42.8	42.6	4.2	335.9	335.9	99.9	999.9	52.6	78.
35.2	94.0	10010.6	275.0	-42.6	99.9	254.7	43.6	42.0	11.5	335.9	335.9	99.9	999.9	59.3	80.
37.3	98.6	10646.9	250.0	-47.7	99.9	247.1	42.9	39.5	16.7	335.9	335.9	99.9	999.9	62.7	81.
39.6	103.6	11333.3	225.0	-53.9	99.9	247.4	45.8	42.3	17.6	335.9	335.9	99.9	999.9	67.0	80.
41.9	108.8	12080.4	200.0	-59.5	99.9	252.1	48.5	46.1	14.9	335.9	335.9	99.9	999.9	71.1	80.
44.8	114.5	12906.0	175.0	-63.4	99.9	259.3	46.3	46.3	0.6	335.9	335.9	99.9	999.9	73.5	79.
47.9	120.7	13862.2	150.0	-58.4	99.9	277.1	25.0	24.8	-3.1	335.9	335.9	99.9	999.9	999.9	999.9
51.6	127.5	15004.1	125.0	-60.2	99.9	248.0	15.0	13.9	5.6	380.0	380.0	99.9	999.9	999.9	999.9
56.3	135.0	16398.4	100.0	-60.4	99.9	257.4	16.6	16.2	3.6	411.1	411.1	99.9	999.9	999.9	999.9
62.3	143.3	18212.3	75.0	-56.4	99.9	249.3	9.1	8.5	3.2	454.7	454.7	99.9	999.9	999.9	999.9
69.9	152.0	20789.1	50.0	-54.7	99.9	99.9	99.9	99.9	99.9	514.7	514.7	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS20 MAY 1979
2005 GMT

162 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	200.0	990.1	24.4	12.4	310.0	1.5	1.1	-1.0	298.4	323.1	9.2	47.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	8.9	334.4	975.0	23.4	6.3	999.9	99.9	99.9	99.9	298.7	315.7	6.2	33.3	999.9	999.9
1.3	11.2	560.3	950.0	21.7	7.6	999.9	99.9	99.9	99.9	299.2	318.2	6.9	40.3	999.9	999.9
2.0	13.5	780.7	925.0	19.4	7.2	999.9	99.9	99.9	99.9	299.1	318.0	6.9	45.1	999.9	999.9
2.8	15.9	1025.4	900.0	16.8	6.3	999.9	99.9	99.9	99.9	298.6	317.1	6.7	50.1	999.9	999.9
3.4	18.3	1265.0	875.0	14.9	6.2	294.4	5.4	5.0	-2.2	299.3	318.0	6.8	55.7	0.9	115.
4.0	20.8	1509.5	850.0	12.4	5.2	293.9	4.4	4.3	-1.1	299.2	317.2	6.5	61.2	1.0	115.
4.7	23.3	1759.1	825.0	9.8	4.9	278.6	4.4	4.4	-0.7	299.0	317.1	6.6	71.2	1.2	112.
5.6	25.8	2014.1	800.0	7.6	5.6	272.6	4.1	4.1	-0.2	299.2	318.8	7.1	87.1	1.4	110.
6.5	28.3	2275.4	775.0	6.4	-2.3	299.0	4.9	4.3	-0.4	300.7	312.6	4.2	83.6	1.7	108.
7.5	31.0	2543.9	750.0	5.7	-10.6	312.7	5.1	3.8	-3.5	302.7	309.5	2.3	29.7	2.0	112.
8.4	33.6	2820.3	725.0	3.6	-8.5	311.9	5.0	3.7	-3.4	303.4	311.7	2.8	41.3	2.2	115.
9.6	36.3	3104.5	700.0	2.2	-7.7	299.6	5.2	4.9	-1.8	305.0	314.0	3.1	47.7	2.6	116.
10.7	39.1	3357.2	675.0	0.5	-14.8	276.7	6.1	8.0	-0.9	306.2	311.8	1.8	31.3	3.0	113.
11.8	41.9	3700.2	650.0	-0.1	-3.3	276.2	9.6	9.6	-1.0	308.9	322.3	4.6	78.7	3.5	111.
13.0	44.8	4013.4	625.0	-2.5	-8.0	271.1	9.2	9.2	-0.2	309.4	319.6	3.4	65.7	4.2	108.
14.2	47.8	4336.6	600.0	-3.4	-32.4	270.7	9.4	9.4	-0.1	312.1	313.6	0.4	8.8	4.9	106.
15.3	50.8	4671.9	575.0	-5.3	-32.1	266.4	8.2	8.2	0.5	313.6	315.3	0.4	10.0	5.4	104.
16.6	53.9	5018.8	550.0	-8.5	-38.2	272.5	8.1	8.1	-0.3	314.0	315.3	0.4	10.4	6.0	102.
17.9	57.0	5378.2	525.0	-10.1	-35.3	270.2	9.0	9.0	-0.0	316.2	317.6	0.4	10.6	6.7	101.
19.3	60.3	5752.5	500.0	-13.1	-37.3	273.3	11.0	10.9	-1.4	317.1	318.2	0.3	10.9	7.5	100.
20.6	63.6	6141.9	475.0	-15.3	-38.9	275.0	12.9	12.8	-1.1	319.0	320.0	0.3	11.2	8.4	100.
22.1	67.0	6547.5	450.0	-18.6	-39.3	271.4	14.5	14.5	-0.4	319.5	320.9	0.3	14.1	9.6	99.
23.4	70.6	6970.4	425.0	-22.5	-42.2	269.0	15.7	15.7	0.3	320.2	321.0	0.2	14.6	10.8	98.
25.1	74.1	7412.2	400.0	-26.0	-45.5	268.0	15.9	15.9	0.6	321.2	322.1	0.2	20.3	12.3	97.
26.6	77.9	7875.3	375.0	-30.3	-35.2	267.2	19.2	19.2	0.9	321.5	323.3	0.5	62.3	13.9	96.
28.3	81.8	8363.6	350.0	-33.1	-35.9	266.8	24.4	24.3	1.3	324.1	325.9	0.5	76.1	16.1	94.
30.2	86.0	8880.6	325.0	-36.9	-43.4	272.6	27.6	27.5	-1.2	325.5	326.8	0.2	50.3	19.1	94.
32.1	90.2	9430.3	300.0	-40.8	-49.9	272.9	30.0	29.9	-1.5	327.9	329.9	99.9	999.9	22.3	94.
34.3	94.8	10017.3	275.0	-45.2	99.9	271.8	35.0	35.0	-1.1	329.6	330.9	99.9	999.9	26.5	94.
36.3	99.2	10649.2	250.0	-48.7	99.9	269.7	40.2	40.2	0.2	333.6	334.9	99.9	999.9	31.0	93.
38.9	104.4	11337.1	225.0	-52.0	99.9	267.9	43.2	43.2	1.6	338.9	339.9	99.9	999.9	37.4	92.
41.4	109.8	12091.8	200.0	-56.7	99.9	264.3	42.8	42.6	4.3	343.1	344.9	99.9	999.9	44.0	92.
44.3	115.5	12932.5	175.0	-60.0	99.9	259.6	41.4	40.7	7.4	351.0	351.9	99.9	999.9	51.2	90.
47.4	122.0	13992.7	150.0	-58.7	99.9	262.5	27.2	27.0	3.6	368.5	369.9	99.9	999.9	57.9	89.
51.2	129.0	15038.9	125.0	-58.9	99.9	269.4	20.2	18.9	7.1	388.2	389.9	99.9	999.9	62.2	88.
55.9	136.7	16441.2	100.0	-58.4	99.9	269.5	19.1	19.1	0.2	415.0	416.9	99.9	999.9	68.6	87.
61.4	145.0	18258.9	75.0	-58.4	99.9	245.7	7.6	6.9	3.1	450.6	451.9	99.9	999.9	72.3	87.
69.1	154.3	20845.6	50.0	-54.2	99.9	231.7	4.1	3.2	2.5	515.6	516.9	99.9	999.9	74.9	86.
81.3	163.7	25357.4	25.0	-50.1	99.9	999.9	99.9	99.9	99.9	641.0	641.0	99.9	999.9	76.4	86.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS20 MAY 1979
2305 GMT

158 8. 0

TIME MIN	CNCT	HEIGHT GSM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U M/SEC	V M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	200.0	999.6	23.9	11.3	300.0	5.7	4.9	-2.9	297.9	320.9	8.5	45.0	0.0	0.
99.9	99.9	99.9	1000.0	92.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	8.8	329.7	575.0	22.7	10.5	323.0	9.4	5.7	-7.5	298.1	320.2	8.2	45.8	0.2	160.
1.1	11.1	595.3	950.0	21.0	10.1	329.4	9.2	4.9	-7.8	298.5	320.6	8.2	49.8	0.5	151.
1.9	13.5	785.5	925.0	19.1	9.2	329.4	7.1	3.7	-6.0	298.6	320.3	7.9	52.7	0.9	150.
2.6	15.8	1029.1	900.0	16.9	8.0	328.7	4.7	2.4	-4.0	298.9	319.3	7.5	55.6	1.2	150.
3.5	18.2	1259.5	875.0	14.6	6.9	327.3	3.7	2.0	-3.1	298.9	318.5	7.2	60.0	1.7	150.
4.3	20.6	1503.8	850.0	12.1	6.0	316.6	4.3	2.9	-3.1	298.9	317.8	6.9	66.1	1.6	149.
5.2	23.0	1753.2	825.0	9.5	5.9	303.3	4.1	3.5	-2.3	298.8	318.2	7.1	77.8	1.8	146.
6.0	25.5	2003.5	800.0	7.5	6.1	297.8	3.2	2.9	-1.5	299.2	319.5	7.4	89.9	1.9	144.
6.7	28.1	2253.7	775.0	5.4	4.7	300.5	3.0	2.6	-1.5	299.6	318.6	6.9	95.0	2.0	142.
7.5	30.6	2503.3	750.0	3.6	2.8	282.1	4.7	4.6	-1.0	300.5	317.9	6.3	94.7	2.2	141.
8.3	33.2	2753.2	725.0	1.8	1.0	274.6	7.0	6.9	-0.6	301.4	317.3	5.7	94.6	2.4	136.
9.1	35.7	3003.2	700.0	-0.7	-1.4	268.1	9.6	9.1	-3.0	301.8	315.7	4.9	94.8	2.8	129.
10.0	38.5	3253.2	675.0	-0.2	-2.7	258.0	13.5	12.0	-6.4	305.8	309.2	1.1	19.2	3.9	126.
11.9	41.3	3503.2	650.0	-0.6	-5.0	252.5	14.2	13.1	-5.4	308.2	308.5	0.1	1.0	4.7	124.
12.7	44.0	3753.2	625.0	-2.4	-8.1	247.5	13.4	12.8	-4.0	309.7	309.9	0.1	1.0	5.4	122.
13.7	46.8	4003.9	600.0	-4.2	-12.6	244.4	12.6	12.4	-3.1	311.2	311.4	0.0	1.0	6.1	120.
14.5	49.7	4253.8	575.0	-6.7	-14.2	240.4	12.5	12.5	-2.3	312.3	312.3	0.0	1.0	7.1	118.
15.3	52.5	4503.4	550.0	-8.6	-15.3	231.6	12.5	12.5	-0.4	313.5	314.1	0.0	1.0	8.0	115.
16.5	55.6	4753.0	525.0	-11.2	-17.0	221.1	11.7	11.7	-0.2	314.9	315.0	0.0	1.0	8.8	113.
17.5	58.9	5003.1	500.0	-14.0	-19.8	216.5	14.5	14.4	-1.6	315.9	316.0	0.0	1.0	9.8	111.
18.3	61.9	5253.5	475.0	-17.0	-20.7	216.1	16.8	16.7	-1.8	316.5	317.0	0.0	1.0	11.0	109.
19.3	64.5	5503.3	450.0	-19.6	-21.6	216.9	18.8	18.7	-2.3	318.6	319.0	0.1	6.0	12.6	108.
20.3	67.5	5753.0	425.0	-23.2	-24.9	213.7	19.6	19.6	-1.3	319.2	319.7	0.1	6.9	14.3	106.
21.3	70.5	6003.0	400.0	-27.1	-28.7	208.5	18.3	18.3	0.5	319.8	320.5	0.2	16.8	16.0	104.
22.5	73.5	6253.8	375.0	-30.8	-32.6	208.5	19.2	19.2	0.5	320.6	322.4	0.4	56.2	17.8	103.
23.1	76.3	6503.7	350.0	-33.8	-37.6	209.5	24.2	24.2	0.2	323.2	324.7	0.4	68.2	19.8	101.
30.0	83.1	8048.8	325.0	-38.0	-42.9	211.8	27.4	27.4	-0.9	324.3	325.3	0.3	59.5	22.6	100.
31.9	87.2	9355.5	300.0	-42.1	-49.9	217.9	31.9	31.9	-4.7	326.0	326.0	59.9	99.9	26.0	99.
34.1	91.4	9979.5	275.0	-46.6	-54.1	222.0	41.9	41.0	-8.7	327.6	327.6	99.9	99.9	31.1	99.
36.5	95.3	10610.0	250.0	-47.8	-59.9	227.8	46.7	46.3	-6.3	335.0	335.0	99.9	99.9	37.8	100.
38.8	100.6	11299.2	225.0	-51.2	-64.1	232.3	46.6	46.6	-1.9	340.0	340.0	99.9	99.9	44.1	99.
41.3	105.6	12056.2	200.0	-56.3	-69.9	231.0	43.2	43.2	-0.7	343.6	343.6	99.9	99.9	51.1	98.
44.8	111.2	12998.2	175.0	-58.9	-74.1	230.7	38.4	37.8	6.9	352.7	352.7	59.9	99.9	58.3	96.
47.9	117.0	13803.8	150.0	-57.7	-79.9	265.7	27.9	27.8	2.1	370.6	370.6	99.9	99.9	65.4	95.
51.8	123.7	15012.7	125.0	-57.8	-84.1	262.3	23.6	23.4	3.1	390.3	390.3	99.9	99.9	70.7	94.
56.5	131.0	16416.1	100.0	-58.9	-89.9	267.9	20.5	20.5	0.8	413.5	413.5	99.9	99.9	77.6	93.
62.2	139.0	18228.2	75.0	-59.3	-94.1	211.5	9.8	5.1	8.3	468.7	468.7	99.9	99.9	81.2	93.
70.4	148.3	20816.0	50.0	-54.2	-99.9	147.3	6.0	-3.2	5.0	515.7	515.7	99.9	99.9	83.8	92.
83.0	158.0	25303.3	25.0	-45.7	-99.9	349.9	4.0	0.7	-4.0	641.6	641.6	99.9	99.9	85.4	92.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 532
PEORIA, ILLINOIS

21 MAY 1979
205 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	200.0	991.4	17.8	6.7	340.0	5.1	1.7	-4.8	291.7	308.2	6.2	48.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	8.7	342.9	975.0	17.9	6.9	356.1	9.9	0.7	-9.9	293.2	310.5	6.4	48.5	0.3	173.
1.2	11.0	564.6	950.0	16.1	5.7	356.3	12.0	0.8	-11.9	293.5	309.9	6.1	50.0	0.7	176.
2.0	13.4	791.1	925.0	14.7	5.7	352.9	12.0	1.5	-11.9	294.4	311.2	6.2	54.6	1.3	176.
2.9	15.7	1022.2	900.0	13.0	5.3	339.3	10.6	3.7	-9.9	294.6	311.7	6.2	59.3	1.9	174.
3.7	18.1	1258.8	875.0	12.5	1.8	318.4	9.4	6.3	-7.0	296.8	310.7	5.0	48.3	2.4	168.
4.7	20.5	1502.5	850.0	11.9	6.9	304.4	7.2	5.9	-4.1	298.6	318.7	7.4	71.3	2.8	162.
5.7	23.0	1751.8	825.0	9.8	7.8	290.2	6.0	5.7	-2.1	298.9	320.9	8.1	87.7	3.1	157.
6.6	25.5	2007.0	800.0	7.7	6.2	270.7	5.5	5.5	-0.1	299.4	319.8	7.5	90.2	3.2	153.
7.6	28.0	2268.2	775.0	5.9	4.1	281.7	6.6	6.5	-1.3	300.1	318.4	6.6	89.3	3.4	148.
8.6	30.5	2538.9	750.0	2.2	-0.5	290.4	7.6	7.2	-2.7	300.1	318.9	5.0	76.7	3.7	143.
9.6	33.1	2810.5	725.0	2.4	-4.5	256.2	10.0	8.9	-4.4	302.1	312.9	3.8	60.3	4.2	140.
10.7	35.8	3093.4	700.0	0.9	-6.7	297.5	12.7	11.3	-5.8	303.5	313.2	3.3	56.5	4.9	137.
11.8	38.6	3385.2	675.0	-0.5	-11.3	289.9	13.4	12.6	-4.6	305.1	312.3	2.4	44.0	5.7	133.
12.9	41.3	3686.6	650.0	-1.1	-21.3	286.2	15.2	14.6	-4.3	307.7	311.1	1.1	19.8	6.6	130.
14.0	44.1	3998.6	625.0	-1.2	-35.7	289.5	16.9	15.9	-5.7	311.1	312.1	0.3	5.1	7.5	127.
15.2	47.0	4322.6	600.0	-3.4	-36.9	295.0	18.9	17.1	-8.0	312.2	313.1	0.3	5.4	8.8	125.
16.4	50.0	4657.2	575.0	-6.3	-38.4	297.8	19.8	17.6	-9.3	312.6	313.5	0.2	5.7	10.2	124.
17.6	53.0	5002.9	550.0	-5.4	-40.1	295.8	19.1	17.2	-8.3	313.0	313.7	0.2	6.1	11.6	123.
18.8	56.1	5360.7	525.0	-11.9	-29.4	289.1	18.8	17.7	-6.2	314.1	316.3	0.6	21.6	13.0	122.
20.1	59.3	5732.0	500.0	-15.4	-29.7	283.0	19.2	18.7	-4.3	314.3	316.5	0.6	28.0	14.4	120.
21.4	62.6	6117.3	475.0	-18.6	-28.4	284.5	20.4	19.7	-5.1	315.0	317.6	0.8	41.7	15.9	118.
22.8	66.0	6517.8	450.0	-21.6	-27.8	278.7	18.9	18.7	-2.9	316.1	319.0	0.9	57.1	17.5	117.
24.3	69.4	6937.7	425.0	-23.8	-24.4	266.5	19.1	19.1	1.2	318.4	320.2	0.5	37.0	19.0	115.
26.0	73.0	7377.4	400.0	-27.1	-34.9	269.6	22.7	22.7	0.1	319.7	321.4	0.5	47.4	20.8	112.
27.6	76.7	7839.4	375.0	-30.6	-43.6	278.1	25.3	25.1	-3.6	321.1	321.9	0.2	26.4	23.0	110.
29.2	80.5	8326.1	350.0	-34.0	-39.3	279.9	31.4	30.9	-5.4	322.9	324.1	0.4	58.8	25.7	109.
31.0	84.5	8842.7	325.0	-37.3	-41.3	273.0	33.4	33.4	-1.8	325.3	326.4	0.3	66.2	29.2	108.
32.9	88.7	9389.3	300.0	-42.7	-59.9	276.5	35.5	35.3	-4.0	325.2	326.9	99.9	99.9	33.0	106.
35.1	93.2	9971.3	275.0	-46.5	-59.9	279.8	44.7	44.0	-7.6	327.2	327.9	99.9	99.9	37.9	105.
37.4	97.8	10601.6	250.0	-48.6	-59.9	275.3	54.5	54.3	-5.1	331.6	329.9	99.9	99.9	44.6	104.
39.9	102.6	11289.2	225.0	-52.3	-59.9	272.9	61.1	61.0	-3.1	338.3	329.9	99.9	99.9	53.3	103.
43.1	108.0	12045.3	200.0	-56.3	-59.9	267.3	60.6	60.5	2.9	343.6	329.9	99.9	99.9	64.5	100.
46.2	113.6	12885.7	175.0	-60.9	-59.9	270.4	50.1	50.1	-0.4	349.4	329.9	99.9	99.9	75.2	98.
49.6	119.7	13842.4	150.0	-59.4	-59.9	275.0	29.8	29.8	-2.6	367.6	329.9	99.9	99.9	83.4	98.
54.1	126.5	14900.5	125.0	-58.0	-59.9	273.5	22.9	22.9	-1.4	390.8	329.9	99.9	99.9	90.1	98.
59.2	134.0	16382.8	100.0	-60.3	-59.9	247.1	16.8	16.8	6.5	411.3	329.9	99.9	99.9	97.1	98.
66.1	142.7	18151.2	75.0	-56.5	-59.9	194.6	7.3	7.3	9.0	454.5	329.9	99.9	99.9	100.5	97.
74.8	152.0	20759.7	50.0	-56.3	-59.9	173.2	7.3	-0.9	7.2	510.6	329.9	99.9	99.9	102.2	96.
89.0	162.0	25315.0	25.0	-52.0	-59.9	222.9	2.4	1.6	1.7	635.2	329.9	99.9	99.9	102.6	96.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
 PEORIA, ILLINOIS

 21 MAY 1979
 505 GMT

TIME MIN	CNCT	HEIGHT GPN	PRES HG	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RM PCT	162 10. 0	
														RANGE KM	AZ DG
0.0	7.5	200.0	993.0	13.9	6.3	350.0	9.3	1.6	-9.2	287.6	303.5	6.0	60.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	9.2	354.5	975.0	13.6	6.8	999.9	99.9	99.9	99.9	288.9	305.7	6.4	63.4	999.9	999.9
1.2	11.5	572.7	950.0	11.4	4.5	999.9	99.9	99.9	99.9	288.2	303.5	5.6	62.6	999.9	999.9
2.0	13.9	795.0	925.0	9.6	4.1	999.9	99.9	99.9	99.9	289.2	304.0	5.6	68.1	1.9	181.
2.9	16.2	1022.2	900.0	8.6	4.7	355.1	12.5	1.1	-12.5	290.3	306.3	6.0	76.9	2.7	181.
3.8	18.6	1255.6	875.0	5.7	-10.9	317.4	10.2	3.9	-9.4	293.9	299.9	2.1	25.2	3.3	178.
4.9	21.1	1416.6	850.0	10.6	-20.6	318.1	11.3	7.5	-8.4	297.3	300.0	0.9	9.6	3.9	174.
5.8	23.6	1744.8	825.0	5.5	-3.7	291.9	12.3	11.4	-4.6	298.6	308.7	3.5	39.5	4.3	167.
6.6	25.1	1999.2	800.0	7.4	-1.9	272.0	11.2	11.2	-0.4	299.1	310.8	4.2	51.4	4.6	160.
7.5	27.5	2257.0	775.0	5.4	-2.5	268.5	10.8	10.8	0.3	299.6	311.3	4.1	56.8	4.8	154.
8.5	30.2	2525.9	750.0	3.1	-3.1	272.3	11.5	11.4	-0.5	299.5	311.4	4.1	64.1	5.1	147.
9.2	33.3	2797.7	725.0	0.7	-1.4	278.2	13.9	13.7	-2.0	300.2	313.7	4.8	85.8	5.5	142.
10.2	35.5	3072.3	700.0	-0.3	-3.4	281.2	16.6	16.3	-3.2	301.6	313.8	4.3	82.6	6.1	137.
11.2	38.2	3352.2	675.0	0.8	-23.1	284.1	19.8	18.7	-4.7	306.5	308.2	0.5	8.5	7.1	132.
12.4	42.0	3625.3	650.0	0.2	-27.9	289.0	19.8	19.8	-6.4	309.2	311.1	0.6	9.8	8.4	128.
13.6	45.7	3893.7	625.0	-0.8	-22.5	293.8	21.2	19.4	-8.6	311.6	314.8	1.0	17.4	9.7	126.
14.8	47.8	4161.1	600.0	-3.8	-23.5	292.8	22.4	20.7	-8.7	311.8	314.8	1.0	19.9	11.1	124.
15.6	50.8	4433.6	575.0	-6.5	-24.2	288.3	22.8	21.6	-7.1	312.4	315.4	0.9	22.8	12.5	123.
16.7	53.9	4694.0	550.0	-9.7	-23.9	282.9	21.7	21.2	-4.8	312.6	315.8	1.0	30.2	13.9	121.
17.9	56.9	4951.1	525.0	-13.0	-24.0	279.7	20.7	20.4	-3.5	312.8	316.2	1.0	38.7	15.4	119.
19.3	60.1	5203.2	500.0	-16.7	-24.2	277.5	22.6	22.4	-3.0	312.7	316.2	1.1	52.0	17.0	117.
20.8	63.4	5454.3	475.0	-19.1	-23.2	278.1	23.3	23.0	-3.3	314.4	318.4	1.2	69.3	19.9	115.
22.4	66.9	5704.5	450.0	-22.1	-26.0	278.6	23.4	23.2	-3.5	315.4	318.8	1.0	70.7	21.1	113.
24.1	70.3	5922.6	425.0	-25.2	-29.5	278.3	23.7	23.4	-3.4	316.7	319.3	0.8	67.3	23.5	112.
25.7	73.9	6159.9	400.0	-28.5	-34.6	279.0	23.7	23.5	-3.7	318.0	319.7	0.5	55.7	25.7	110.
27.2	77.6	6394.4	375.0	-31.9	-39.3	278.7	28.0	27.7	-4.2	319.4	320.5	0.3	47.2	27.9	110.
28.3	81.5	6603.3	350.0	-35.3	-40.9	277.7	33.1	32.8	-4.4	321.2	322.3	0.3	56.2	30.7	108.
30.3	85.5	6815.8	325.0	-38.7	-45.4	279.8	39.3	38.7	-6.7	323.2	324.0	0.2	48.9	34.0	107.
32.2	89.7	7061.7	300.0	-42.0	-59.9	276.7	44.1	43.8	-5.2	326.2	326.2	99.9	999.9	38.6	106.
34.5	94.2	7249.5	275.0	-44.2	99.9	273.7	56.1	56.0	-3.6	331.2	331.2	99.9	999.9	45.3	105.
36.7	99.3	7453.8	250.0	-47.6	99.9	268.7	61.0	61.0	1.4	335.3	335.3	99.9	999.9	53.0	103.
38.9	103.8	7672.4	225.0	-52.5	99.9	261.8	64.3*	63.6	9.2	338.0	338.0	99.9	999.9	61.1	100.
41.5	109.0	7907.2	200.0	-59.3	99.9	262.1	68.1*	67.4	9.4	338.8	338.8	99.9	999.9	71.6	97.
44.5	115.7	8144.5	175.0	-61.0	99.9	272.0	53.4*	53.4	-1.9	349.2	349.2	99.9	999.9	82.6	96.
48.2	121.0	8384.6	150.0	-55.0	99.9	285.7	29.8*	28.7	-8.1	373.6	373.6	99.9	999.9	90.9	96.
52.0	127.7	8627.3	125.0	-55.1	99.9	270.9	22.6*	22.6	-0.4	387.9	387.9	99.9	999.9	96.3	97.
55.9	133.3	8863.0	100.0	-59.5	99.9	257.2	15.6*	15.2	3.4	412.8	412.8	99.9	999.9	100.7	96.
59.4	139.0	9095.9	75.0	-58.8	99.9	229.7	13.3*	10.1	8.6	449.6	449.6	99.9	999.9	106.3	95.
71.5	153.0	20715.3	50.0	-55.8	99.9	188.3	7.6*	1.1	7.6	511.9	511.9	99.9	999.9	107.2	94.
84.7	157.7	25175.3	25.0	-52.7	99.9	131.5	6.5	-4.8	4.3	633.6	633.6	99.9	999.9	107.9	94.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IN
 OF POOR QUALITY

STATION NO. 532
PEORIA, ILLINOIS

21 MAY 1979
805 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	200.0	994.3	5.4	3.4	360.0	4.6	0.0	-4.6	283.0	295.8	4.9	66.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.9	99.9	999.9	999.9	999.9
0.6	9.1	363.1	975.0	10.0	2.5	24.7	9.7	-4.0	-8.8	285.2	297.6	4.7	59.7	0.3	197.
1.4	11.4	578.6	950.0	8.9	0.7	19.2	12.4	-0.1	-11.7	286.2	297.6	4.3	56.6	0.8	201.
2.3	13.8	799.1	925.0	7.5	0.8	5.0	10.8	-0.9	-10.8	288.0	298.8	4.4	62.4	1.5	198.
3.2	16.2	1024.4	900.0	6.6	1.0	346.1	10.1	2.4	-9.8	288.3	300.7	4.6	67.7	2.0	192.
4.0	19.6	1255.8	875.0	6.6	-4.4	336.5	8.4	3.3	-7.7	290.7	299.4	3.2	45.3	2.4	186.
4.8	21.0	1493.7	850.0	6.6	-9.4	332.2	7.7	3.6	-6.8	293.1	299.4	2.2	30.6	2.7	182.
5.8	23.5	1738.8	825.0	7.1	-17.9	315.5	10.6	7.4	-7.6	296.1	299.5	1.1	15.0	3.1	176.
6.7	26.1	1991.4	800.0	6.8	-23.0	308.7	12.1	9.4	-7.6	298.4	300.7	0.7	9.7	3.6	168.
7.7	28.7	2251.4	775.0	5.6	-32.1	298.4	13.5	11.9	-6.4	299.9	301.0	0.3	4.5	4.1	161.
8.6	31.3	2518.4	750.0	4.1	-37.9	293.5	15.6	14.3	-6.2	301.6	301.6	0.2	2.8	4.8	154.
9.6	34.0	2753.3	725.0	3.4	-38.1	285.3	16.1	15.6	-4.3	303.2	303.9	0.2	2.9	5.5	147.
10.7	36.7	3077.1	700.0	2.6	-38.3	282.4	16.4	16.0	-3.5	305.2	306.0	0.2	3.0	6.3	140.
11.6	39.4	3370.2	675.0	1.2	-38.6	287.3	17.2	16.5	-5.1	307.1	307.7	0.2	3.2	7.0	136.
12.7	42.3	3673.3	650.0	0.4	-38.9	288.8	18.8	17.8	-6.0	309.5	310.2	0.2	3.3	8.1	132.
13.8	45.1	3987.3	625.0	-0.5	-38.7	288.2	20.6	19.6	-6.4	311.9	312.6	0.2	3.6	9.4	129.
15.1	48.0	4311.2	600.0	-3.5	-36.7	290.4	20.6	19.3	-7.2	312.1	313.0	0.3	5.5	10.9	126.
16.4	51.0	4645.6	575.0	-6.2	-34.3	286.6	21.6	20.7	-6.2	312.7	314.0	0.4	8.6	12.4	124.
17.7	54.1	4991.1	550.0	-9.5	-31.5	277.8	21.1	20.9	-2.9	312.9	314.5	0.5	14.5	14.0	121.
19.1	57.3	5348.1	525.0	-12.8	-29.3	277.9	20.3	20.2	-2.8	313.0	315.2	0.6	23.6	15.6	119.
20.6	60.5	5718.4	500.0	-15.5	-34.1	283.6	19.6	19.0	-4.6	314.1	315.6	0.4	18.4	17.2	117.
21.9	63.9	6103.6	475.0	-18.4	-35.8	285.7	20.5	19.7	-5.5	315.3	316.6	0.4	19.8	18.8	116.
23.3	67.1	6504.8	450.0	-21.3	-38.1	285.0	21.6	20.9	-5.6	316.2	317.6	0.3	20.1	20.5	115.
24.7	70.7	6924.3	425.0	-24.4	-38.8	282.4	22.0	21.5	-4.7	317.7	318.8	0.3	24.9	22.4	114.
26.2	74.3	7363.2	400.0	-27.6	-39.0	281.1	24.3	23.9	-4.7	319.2	320.3	0.3	32.7	24.4	113.
27.7	78.0	7823.6	375.0	-31.2	-35.8	282.2	28.3	27.6	-6.0	320.2	322.0	0.5	63.2	26.6	112.
29.4	81.9	8308.8	350.0	-34.5	-43.5	281.8	34.9	33.2	-7.1	322.2	323.1	0.2	39.3	29.9	111.
31.4	86.0	8823.0	325.0	-37.7	-45.5	278.9	41.3	40.8	-6.4	324.7	325.4	0.2	43.5	34.3	110.
33.3	90.2	9371.7	300.0	-40.1	-49.9	274.2	48.2	48.1	-3.5	328.9	329.9	98.9	99.9	39.2	108.
35.3	94.5	9961.4	275.0	-43.1	-49.9	270.6	55.3	55.3	-0.6	332.8	332.8	98.9	99.9	45.3	106.
37.3	98.2	10598.6	250.0	-47.5	-49.9	264.9	58.0	57.8	5.1	335.4	335.4	98.9	99.9	51.8	103.
39.5	104.0	11285.7	225.0	-52.5	-49.9	263.4	58.2*	57.8	6.7	336.5	336.5	98.9	99.9	57.2	101.
42.0	109.3	12030.9	200.0	-59.6	-49.9	263.1	59.3*	58.9	7.1	338.3	338.3	98.9	99.9	67.3	99.
44.9	114.8	12859.6	175.0	-61.1	-49.9	273.2	51.3*	51.2	-2.9	349.1	349.1	98.9	99.9	77.9	97.
48.5	121.0	13821.7	150.0	-58.5	-49.9	282.8	33.7*	32.9	-7.5	369.2	369.2	98.9	99.9	86.0	97.
52.5	127.7	14967.9	125.0	-59.1	-49.9	271.2	19.5*	19.5	-0.4	388.0	388.0	98.9	99.9	91.0	98.
57.2	135.0	16357.1	100.0	-60.3	-49.9	271.9	23.5*	23.5	-0.8	411.2	411.2	98.9	99.9	98.0	97.
63.1	143.3	18158.3	75.0	-55.9	-49.9	220.6	9.7*	6.3	7.3	455.2	455.2	98.9	99.9	102.4	96.
71.1	152.7	20737.7	50.0	-54.5	-49.9	223.1	6.1	4.1	4.4	510.5	510.5	98.9	99.9	104.6	96.
83.6	162.5	25199.5	25.0	-52.1	-49.9	259.0	30.4	29.8	5.8	635.0	635.0	98.9	99.9	104.8	95.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
 OMAHA, NEBRASKA

 20 MAY 1979
 1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	Wx RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	400.0	967.7	13.2	10.7	360.0	6.2	0.0	-6.2	289.1	310.9	8.4	85.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	11.5	556.5	950.0	14.8	10.5	999.9	99.9	99.9	99.9	292.2	314.2	8.5	75.8	999.9	999.9
1.4	13.7	782.5	925.0	14.7	8.3	999.9	99.9	99.9	99.9	294.2	314.2	7.5	65.7	999.9	999.9
2.4	16.2	1014.2	900.0	13.7	6.6	999.9	99.9	99.9	99.9	295.6	314.0	6.8	62.5	1.6	195.
3.1	18.6	1251.1	875.0	11.9	6.3	347.4	6.9	1.5	-6.7	296.2	314.8	6.9	68.8	2.0	191.
4.0	21.0	1493.4	850.0	10.4	5.2	1.5	4.3	-0.1	-4.3	297.0	314.8	6.5	70.2	2.2	188.
4.9	23.4	1741.5	825.0	8.3	3.0	41.9	3.5	-2.3	-2.6	297.4	313.2	5.8	69.1	2.4	189.
5.8	25.9	1958.3	800.0	7.0	-1.1	46.9	3.5	-2.6	-2.4	298.6	310.9	4.4	56.3	2.5	192.
6.7	28.5	2255.9	775.0	5.7	-0.1	356.1	3.9	0.3	-3.9	299.5	313.7	4.9	66.5	2.7	193.
7.6	31.1	2524.0	750.0	4.4	0.0	318.4	5.3	3.5	-4.0	301.3	315.7	5.1	73.3	2.9	190.
8.7	33.7	2799.3	725.0	2.2	-0.3	307.6	6.2	4.9	-3.8	301.5	316.5	5.2	83.6	3.1	184.
9.6	36.3	3082.0	700.0	0.0	-1.8	309.3	7.6	5.9	-4.8	302.5	316.2	4.8	87.3	3.3	179.
10.5	39.1	3372.5	675.0	-2.2	-4.3	306.2	9.0	7.3	-5.3	303.2	315.0	4.1	85.6	3.7	173.
11.5	41.9	3671.0	650.0	-4.4	-16.1	306.5	10.8	8.7	-6.4	304.0	309.3	1.8	41.4	4.1	167.
12.5	44.7	3979.7	625.0	-5.0	-29.1	305.8	13.1	10.6	-7.6	306.7	308.6	0.6	13.5	4.6	162.
13.5	47.6	4300.6	600.0	-5.4	-40.3	303.7	15.0	12.4	-8.3	309.9	310.6	0.2	4.4	5.3	156.
14.7	50.5	4632.6	575.0	-8.3	-39.2	300.8	16.4	14.1	-8.4	310.3	311.1	0.2	6.1	6.3	150.
15.9	53.4	4976.3	550.0	-10.3	-33.8	294.4	18.5	16.8	-7.6	311.6	313.2	0.4	12.6	7.3	146.
16.9	56.5	5332.6	525.0	-13.0	-33.1	287.5	20.1	19.2	-6.1	312.5	314.4	0.4	16.5	8.4	140.
18.1	59.6	5702.9	500.0	-15.4	-35.3	287.3	21.1	20.2	-6.3	314.2	315.6	0.4	16.1	9.6	136.
19.2	62.9	6088.8	475.0	-16.7	-39.2	285.8	20.6	20.0	-5.7	317.2	318.2	0.3	12.1	10.9	132.
20.6	66.1	6453.3	450.0	-19.2	-42.3	283.4	21.7	21.2	-5.0	319.1	319.8	0.2	10.8	12.5	128.
22.0	69.6	6915.5	425.0	-22.9	-44.3	279.8	22.5	22.2	-3.8	319.7	320.3	0.2	12.0	14.2	125.
23.6	73.1	7356.8	400.0	-26.4	-46.3	277.8	24.2	24.0	-3.3	320.7	321.2	0.1	13.2	16.2	121.
25.2	76.8	7819.8	375.0	-29.9	-48.4	273.8	25.9	25.9	-1.7	322.0	322.4	0.1	14.6	18.4	118.
27.0	80.7	8307.9	350.0	-33.3	-37.3	263.6	29.6	29.4	3.3	323.9	325.4	0.4	67.5	21.0	114.
28.7	84.6	8824.8	325.0	-36.3	-40.6	257.6	32.1	31.3	6.9	326.6	327.8	0.3	64.2	23.8	110.
30.5	88.7	9376.6	300.0	-39.5	-51.3	251.4	36.5	34.6	11.6	329.7	330.2	0.1	27.1	26.4	106.
32.3	93.2	9966.0	275.0	-44.2	99.9	241.5	44.6	39.2	21.3	331.2	332.9	99.9	999.9	30.2	101.
34.1	97.8	10600.7	250.0	-48.1	99.9	233.4	51.2	41.2	30.6	334.5	336.9	99.9	999.9	34.3	94.
36.5	102.6	11268.2	225.0	-53.2	99.9	230.9	51.9	40.3	32.8	336.5	339.9	99.9	999.9	40.1	87.
39.0	108.0	12035.3	200.0	-55.4	99.9	233.9	52.4	42.3	30.8	338.6	345.5	99.9	999.9	46.6	81.
41.7	113.7	12861.6	175.0	-53.0	99.9	249.9	47.6	44.7	16.3	345.5	349.9	99.9	999.9	54.4	78.
45.0	120.2	13812.4	150.0	-51.2	99.9	271.5	32.5	32.5	-0.8	364.7	369.9	99.9	999.9	62.6	78.
49.0	127.2	14956.6	125.0	-58.2	99.9	279.0	20.8	20.5	-3.3	389.6	399.9	99.9	999.9	68.3	80.
54.0	135.3	16357.0	100.0	-59.9	99.9	269.1	13.3	13.3	0.2	412.0	429.9	99.9	999.9	72.9	81.
59.8	144.5	18161.6	75.0	-57.6	99.9	257.3	8.2	8.0	1.8	452.3	469.9	99.9	999.9	76.9	81.
68.4	155.0	20736.0	50.0	-55.9	99.9	263.2	4.5	4.5	0.5	511.7	529.9	99.9	999.9	78.6	82.
81.3	166.0	25192.7	25.0	-52.6	99.9	140.9	2.8	-1.7	2.1	633.5	599.9	99.9	999.9	79.4	81.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** 9Y SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
 OMAHA, NEBRASKA

 20 MAY 1979
 1405 GMT

164 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
3.3	9.4	403.0	970.1	16.2	10.3	350.0	4.1	0.0	-4.1	291.9	313.3	8.1	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.5	11.3	377.3	950.0	14.6	7.7	11.7	7.5	-1.5	-7.3	292.0	310.9	7.0	63.3	0.3	199.
1.3	13.7	803.1	925.0	13.7	3.0	19.3	10.5	-2.8	-10.2	293.3	307.3	5.2	48.3	0.7	196.
3.7	16.2	1332.4	900.0	12.4	-6.6	7.4	11.3	-1.5	-11.2	294.3	301.7	2.6	25.9	1.3	195.
3.7	16.2	1332.4	900.0	12.4	-6.6	7.4	11.3	-1.5	-11.2	294.3	301.7	2.6	25.9	1.3	195.
3.7	16.2	1332.4	900.0	12.4	-6.6	7.4	11.3	-1.5	-11.2	294.3	301.7	2.6	25.9	1.3	195.
4.0	11.3	1513.7	850.0	10.3	-8.2	354.4	9.0	0.1	-9.0	296.5	304.0	2.4	26.7	2.4	189.
4.3	13.3	1756.1	825.0	8.4	0.2	354.1	5.2	1.4	-5.0	297.5	310.6	4.7	56.2	2.8	187.
5.3	13.3	2011.8	800.0	6.4	2.9	300.1	2.9	2.5	-1.5	298.0	314.2	5.9	78.0	2.9	185.
6.5	29.0	2271.4	775.0	4.2	-0.2	276.3	2.2	2.2	-0.2	298.3	311.9	4.9	73.1	2.9	182.
7.4	31.7	2538.0	750.0	2.7	0.4	250.5	3.9	3.7	-1.4	299.6	314.3	5.3	84.8	2.9	180.
9.3	34.3	2811.9	725.0	1.0	-0.9	298.6	6.4	5.6	-3.1	300.6	314.5	5.0	87.4	3.1	175.
9.3	37.1	3053.3	700.0	-1.2	-3.1	297.6	7.5	6.7	-3.5	301.2	313.5	4.4	86.6	3.3	169.
13.4	37.3	3382.5	675.0	-3.2	-5.1	355.2	10.9	8.9	-6.3	302.0	313.1	3.9	85.6	3.7	162.
11.5	32.7	3691.5	650.0	-3.9	-10.2	315.5	15.7	11.0	-11.2	304.6	312.6	2.7	61.2	4.5	157.
12.6	15.6	3930.3	625.0	-5.4	-13.4	315.5	18.2	13.2	-13.5	306.2	312.8	2.2	53.4	5.6	153.
13.6	43.5	4309.6	600.0	-7.4	-18.5	310.1	20.1	15.4	-18.9	307.1	312.1	1.5	40.8	6.8	149.
14.8	51.6	4640.4	575.0	-8.4	-30.3	299.6	19.5	16.9	-9.6	310.2	312.0	0.5	15.3	8.0	145.
16.0	54.6	4984.5	550.0	-5.7	-34.9	299.2	17.9	17.0	-5.9	312.6	313.8	0.4	10.6	9.2	141.
17.2	57.8	5311.6	525.0	-12.5	-35.3	297.2	18.2	17.4	-5.4	313.4	314.6	0.4	12.8	10.3	137.
18.4	60.9	5712.9	500.0	-14.0	-36.5	292.6	20.3	18.8	-7.8	316.0	317.1	0.3	12.9	11.6	134.
19.8	64.1	6101.0	475.0	-15.4	-39.2	288.2	22.2	21.1	-6.9	318.9	319.8	0.3	10.9	13.2	131.
21.1	67.6	6527.0	450.0	-18.5	-41.5	281.5	23.5	23.0	-4.7	320.0	320.8	0.2	11.1	14.9	128.
22.5	71.0	6930.1	425.0	-22.3	-49.0	275.9	23.5	23.4	-2.4	320.5	321.1	0.2	11.7	16.6	124.
23.9	74.6	7372.3	400.0	-26.2	-44.8	275.3	23.5	23.4	-2.2	320.9	321.5	0.2	15.5	18.4	121.
25.5	78.3	7835.6	375.0	-30.0	-44.6	275.2	23.9	23.8	-2.2	321.9	322.6	0.2	22.3	20.5	119.
27.2	32.2	8322.3	350.0	-34.3	-40.1	268.5	25.9	25.8	0.7	325.6	323.7	0.3	55.1	22.7	116.
29.0	86.2	8808.4	325.0	-37.0	-41.1	257.8	30.3	29.6	6.4	325.7	326.9	0.3	65.4	25.1	112.
30.6	93.3	9387.0	300.0	-41.3	59.9	257.0	32.4	31.5	7.3	327.1	999.9	99.9	999.9	27.9	108.
32.6	94.7	9972.1	275.0	-45.8	99.9	259.2	32.4	31.8	6.1	328.9	999.9	99.9	999.9	31.1	105.
34.7	99.3	10595.8	250.0	-50.6	99.9	256.5	33.3	32.4	7.7	330.8	999.9	99.9	999.9	34.8	102.
37.0	104.2	11281.3	225.0	-54.0	99.9	254.5	39.5	38.1	10.5	335.8	999.9	99.9	999.9	39.4	98.
39.6	109.4	12034.5	200.0	-56.0	99.9	251.9	41.4	39.4	12.9	344.1	999.9	99.9	999.9	45.2	95.
42.2	115.0	12874.5	175.0	-60.4	99.9	253.0	38.3	36.7	11.2	350.2	999.9	99.9	999.9	51.3	92.
45.4	121.2	13838.5	150.0	-59.4	99.9	257.4	33.5	33.5	1.5	367.8	999.9	99.9	999.9	58.1	90.
49.2	124.0	14988.3	125.0	-57.7	99.9	273.0	16.2	16.2	-0.8	390.6	999.9	99.9	999.9	63.5	91.
53.9	136.0	16395.0	100.0	-56.8	99.9	260.0	11.9	11.7	2.1	418.0	999.9	99.9	999.9	67.2	91.
59.9	145.0	18205.5	75.0	-56.8	99.9	243.9	7.3	6.6	3.2	453.8	999.9	99.9	999.9	70.5	90.
67.7	155.3	20784.7	50.0	-55.9	99.9	227.6	4.3	3.2	2.9	511.5	999.9	99.9	999.9	72.1	89.
79.9	166.5	25273.9	25.0	-49.7	99.9	999.9	99.9	99.9	99.9	641.5	999.9	99.9	999.9	73.0	88.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 523 CMAHA, NEBRASKA															147 21. 0		
20 MAY 1979																	
1702 GMT																	
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEV PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG		
0.0	9.2	400.0	970.0	18.7	5.9	360.0	8.2	0.0	-8.2	294.4	310.7	6.0	43.0	0.0	0.		
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
0.4	10.9	578.6	950.0	17.2	4.7	20.3	3.8	-1.3	-3.6	294.4	310.0	5.7	43.7	0.4	180.		
1.0	13.1	804.8	925.0	14.3	3.9	2.3	5.9	-0.2	-5.9	293.9	308.8	5.5	49.6	0.5	185.		
1.8	15.3	1035.4	900.0	12.0	4.0	348.3	8.6	1.8	-8.4	293.9	309.3	5.7	58.2	0.9	179.		
2.8	17.5	1270.9	875.0	11.3	0.3	340.2	9.8	3.3	-9.2	295.4	308.2	4.6	48.2	1.5	172.		
3.8	19.7	1513.0	850.0	10.6	-4.5	340.9	8.4	2.7	-7.9	297.3	306.4	3.2	34.1	2.0	169.		
4.8	22.0	1760.5	825.0	8.4	-5.7	336.8	7.3	2.9	-6.7	297.4	306.1	3.0	36.2	2.5	167.		
5.7	24.3	2013.9	800.0	6.4	-5.2	300.4	5.4	4.7	-2.7	298.0	307.4	3.3	44.6	2.8	165.		
6.8	26.6	2273.9	775.0	4.9	-0.4	249.2	6.1	5.7	2.2	299.0	312.5	4.8	68.7	2.9	159.		
7.9	28.9	2541.0	750.0	3.7	1.0	256.4	8.0	7.8	1.9	300.6	315.9	5.5	82.2	2.9	150.		
9.1	31.4	2816.2	725.0	2.1	-2.4	274.5	9.7	9.7	-0.8	301.8	314.4	4.4	72.2	3.2	140.		
10.0	33.8	3098.8	700.0	0.1	-4.0	288.1	11.8	11.2	-3.6	302.6	314.2	4.1	74.1	3.7	134.		
11.1	36.3	3385.4	675.0	-2.0	-5.3	298.5	15.0	13.2	-7.2	303.5	314.5	3.8	77.8	4.5	130.		
12.2	38.8	3688.7	650.0	-4.3	-7.0	303.2	17.9	14.9	-9.8	304.2	314.3	3.5	81.2	5.6	129.		
13.3	41.4	3997.1	625.0	-6.8	-10.8	303.8	19.1	15.9	-10.6	305.8	313.9	2.7	68.5	6.8	128.		
14.5	44.1	4316.7	600.0	-8.6	-21.6	298.6	20.4	17.9	-9.8	308.5	312.2	1.1	29.5	8.3	127.		
15.6	46.8	4649.3	575.0	-7.3	-29.6	290.9	20.9	19.5	-7.5	311.2	313.4	0.6	14.7	9.6	125.		
16.8	49.6	4953.9	550.0	-10.0	-31.6	288.6	20.1	19.0	-6.4	312.2	313.8	0.3	15.2	11.1	123.		
18.1	52.4	5250.4	525.0	-13.0	-37.1	290.4	19.8	10.5	-6.9	312.8	313.8	0.3	11.1	12.5	121.		
19.3	55.2	5521.0	500.0	-14.6	-32.1	292.4	22.5	20.8	-8.5	315.3	317.0	0.5	20.9	14.0	120.		
20.6	58.1	6108.1	475.0	-16.7	-34.2	285.6	23.6	22.8	-6.3	317.3	318.8	0.4	20.2	15.9	119.		
23.5	61.2	6512.1	450.0	-19.7	-35.8	282.3	24.8	24.2	-5.3	318.2	319.9	0.4	22.3	17.8	117.		
24.9	64.4	6933.9	425.0	-23.0	-33.8	278.2	24.9	24.6	-3.5	319.5	321.3	0.5	36.2	19.9	115.		
26.4	67.5	7374.8	400.0	-26.9	-35.2	276.8	24.9	24.7	-2.9	320.0	321.7	0.5	44.8	21.9	114.		
28.0	70.9	7836.3	375.0	-30.9	-38.6	274.7	25.1	25.0	-2.0	320.7	321.9	0.4	46.8	24.0	112.		
29.8	74.3	8322.2	350.0	-34.5	-38.7	271.3	27.4	27.4	-0.6	322.2	323.6	0.4	64.7	26.5	110.		
31.7	77.9	8837.0	325.0	-37.5	-42.0	261.5	29.9	29.6	4.4	325.0	326.0	0.3	62.5	29.3	108.		
33.7	81.7	9384.2	300.0	-42.0	99.9	255.9	32.6	31.6	7.9	326.1	999.9	99.9	999.9	32.4	105.		
35.0	85.7	9967.3	275.0	-46.7	99.9	255.3	35.2	34.1	8.9	327.5	999.9	99.9	999.9	36.0	102.		
36.0	88.7	10591.7	250.0	-52.1	99.9	257.4	38.9	38.0	8.5	328.2	999.9	99.9	999.9	40.6	99.		
38.6	94.2	11268.7	225.0	-54.2	99.9	263.8	40.8	40.6	4.4	335.4	999.9	99.9	999.9	46.7	96.		
41.2	98.3	12020.3	200.0	-56.6	99.9	266.2	37.3	37.2	2.5	343.2	999.9	99.9	999.9	52.6	93.		
44.4	104.0	12863.4	175.0	-57.5	99.9	265.7	31.1	31.0	2.3	355.0	999.9	99.9	999.9	58.9	94.		
47.9	109.5	13834.5	150.0	-56.9	99.9	271.7	25.5	25.5	-0.8	372.1	999.9	99.9	999.9	64.8	94.		
52.1	115.7	14985.1	125.0	-57.2	99.9	259.8	17.6	17.3	3.1	391.2	999.9	99.9	999.9	69.7	93.		
56.9	122.7	16393.4	100.0	-59.3	99.9	261.8	17.8	17.6	2.5	413.2	999.9	99.9	999.9	74.6	92.		
63.4	131.0	18203.3	75.0	-56.3	99.9	268.9	5.8	9.8	0.2	454.5	999.9	99.9	999.9	79.0	92.		
71.9	141.0	20792.1	50.0	-55.0	99.9	247.7	6.2	5.8	2.4	513.5	999.9	99.9	999.9	81.1	90.		
84.5	153.0	25277.3	25.0	-48.1	99.9	303.0	3.8	3.2	-2.1	646.4	999.9	99.9	999.9	83.4	89.		

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
 OMAHA, NEBRASKA

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	400.0	971.5	15.6	4.9	340.0	8.2	2.8	-7.7	291.1	306.2	5.6	49.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	10.8	590.1	950.0	13.6	4.2	343.8	9.8	2.7	-8.4	291.0	305.6	5.4	52.8	0.5	163.
1.7	13.2	814.0	925.0	11.4	3.2	347.3	8.4	1.8	-8.2	291.0	305.1	5.2	57.1	1.0	165.
2.5	15.5	1042.3	900.0	9.4	2.4	343.9	9.2	2.6	-8.9	291.2	304.8	5.1	61.7	1.4	165.
3.7	17.9	1275.7	875.0	9.5	-8.3	325.6	10.0	5.6	-8.2	293.7	300.4	2.4	28.1	2.1	164.
4.6	20.3	1517.1	850.0	11.4	-1.6	305.3	10.2	8.3	-8.9	298.1	309.3	4.0	40.2	2.6	157.
5.4	22.9	1765.7	825.0	9.4	-1.5	301.5	10.4	8.8	-5.4	298.5	310.2	4.2	46.4	3.0	151.
6.3	25.3	2019.9	800.0	6.9	-2.0	293.2	10.0	9.2	-3.9	298.5	310.2	4.1	53.1	3.5	147.
7.2	27.8	2279.9	775.0	4.6	-0.2	273.5	10.8	10.8	-0.7	298.7	312.4	4.9	71.2	3.9	141.
8.2	30.4	2547.3	750.0	4.2	1.9	252.0	11.6	11.5	-1.6	301.1	317.5	5.9	85.2	4.3	134.
9.1	33.1	2822.5	725.0	2.2	0.2	273.6	12.4	12.4	-0.8	301.5	316.9	5.4	86.3	4.8	128.
10.0	35.7	3105.5	700.0	0.2	-1.7	286.2	13.8	13.2	-3.8	302.8	316.5	4.8	86.8	5.4	124.
11.1	38.4	3366.5	675.0	-1.9	-3.6	294.5	14.6	13.3	-6.1	303.5	315.9	4.4	88.4	6.3	123.
12.1	41.1	3655.7	650.0	-4.0	-6.6	294.3	16.6	15.1	-8.8	304.5	316.5	4.2	94.9	7.3	122.
13.3	43.9	4004.5	625.0	-6.2	-6.9	295.1	17.6	16.0	-7.5	305.4	316.1	3.7	94.9	8.4	121.
14.6	46.9	4322.9	600.0	-8.4	-21.0	303.8	19.6	16.3	-10.9	305.4	310.3	1.2	36.6	9.9	120.
15.9	49.7	4653.9	575.0	-7.8	-43.0	308.3	23.1	18.1	-14.3	310.8	311.3	0.1	4.0	11.5	121.
17.0	52.6	4998.0	550.0	-10.0	-42.0	304.9	24.2	19.8	-13.8	312.3	312.9	0.2	5.7	13.2	122.
18.3	55.7	5355.2	525.0	-12.2	-27.9	296.5	26.0	23.3	-11.6	313.8	316.3	0.7	23.6	15.1	122.
19.6	58.9	5727.0	500.0	-13.9	-23.0	291.9	23.6	23.1	-8.9	315.1	320.0	1.2	46.1	17.0	121.
20.9	62.0	6114.3	475.0	-17.1	-24.7	269.6	21.0	21.0	0.2	315.9	320.4	1.1	51.1	18.5	118.
22.4	65.3	6517.7	450.0	-19.9	-27.9	264.5	20.6	20.5	2.0	318.2	321.0	0.9	49.0	20.2	115.
24.0	68.7	6940.0	425.0	-23.1	-31.5	266.3	21.3	21.3	1.4	319.5	321.6	0.6	45.5	21.9	113.
25.7	72.1	7380.5	400.0	-26.8	-37.0	270.6	22.9	22.9	-0.2	320.4	321.8	0.4	36.5	23.8	111.
27.2	75.7	7843.5	375.0	-30.0	-47.0	272.7	26.1	26.1	-1.2	321.5	322.5	0.1	17.3	26.0	109.
28.8	79.5	8331.1	350.0	-33.8	-58.2	275.1	28.9	28.8	-2.6	323.2	323.3	0.0	6.7	28.6	108.
30.6	83.3	8845.7	325.0	-38.0	99.9	289.4	32.2	32.2	0.4	324.3	324.3	99.9	99.9	31.6	106.
32.5	87.3	9384.3	300.0	-40.9	99.9	288.9	36.5	35.8	7.0	325.7	325.7	99.9	99.9	33.4	104.
34.6	91.6	9979.7	275.0	-46.1	99.9	286.6	37.4	36.3	8.7	326.5	326.5	99.9	99.9	35.8	101.
36.6	96.0	10605.6	250.0	-51.6	99.9	286.7	40.3	39.2	9.3	327.3	327.3	99.9	99.9	38.7	98.
38.9	100.8	11284.3	225.0	-54.6	99.9	286.4	43.0	42.9	2.7	328.9	328.9	99.9	99.9	43.5	96.
41.5	105.8	12035.2	200.0	-56.3	99.9	288.1	42.2	42.1	1.4	333.7	333.7	99.9	99.9	56.2	95.
44.6	111.4	12878.1	175.0	-58.2	99.9	286.0	34.0	34.0	2.4	353.8	353.8	99.9	99.9	63.0	94.
48.0	117.2	13648.5	150.0	-57.2	99.9	265.3	25.2	25.1	2.1	371.5	371.5	99.9	99.9	69.0	94.
52.1	124.0	14999.8	125.0	-58.0	99.9	261.4	22.4	22.1	3.4	389.5	389.5	99.9	99.9	74.5	93.
57.1	131.3	16406.8	100.0	-59.2	99.9	262.7	17.8	17.6	2.3	413.3	413.3	99.9	99.9	80.3	92.
63.2	139.7	18222.1	75.0	-57.3	99.9	243.6	11.2	10.0	5.0	452.8	452.8	99.9	99.9	84.6	91.
71.4	149.3	20801.3	50.0	-54.5	99.9	232.1	5.0	4.0	3.1	515.2	515.2	99.9	99.9	88.2	90.
83.6	159.0	25257.2	25.0	-49.8	99.9	242.6	6.6	5.9	3.0	641.6	641.6	99.9	99.9	91.1	90.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA20 MAY 1979
2300 GMT

165 9. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.5	400.0	970.1	16.3	6.2	360.0	6.7	0.0	-6.7	294.6	310.5	6.1	45.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	11.4	579.2	550.0	16.9	4.8	13.4	8.8	-2.0	-8.6	294.4	309.8	5.7	44.5	0.4	189.
1.6	13.8	805.6	925.0	14.5	4.3	7.0	9.4	-1.1	-9.3	294.1	309.4	5.6	50.4	0.9	189.
2.4	16.1	1036.3	900.0	12.2	3.7	359.2	8.7	0.1	-8.7	294.1	309.2	5.6	55.9	1.4	189.
3.3	18.6	1271.7	875.0	9.7	3.0	351.0	7.9	1.2	-7.8	293.9	308.7	5.4	62.7	1.8	189.
4.2	21.0	1511.5	850.0	7.1	2.4	353.9	9.0	0.9	-8.9	293.6	308.2	5.4	71.8	2.2	189.
5.2	23.5	1756.6	825.0	4.9	2.3	349.5	8.4	1.5	-8.3	293.8	308.8	5.5	83.2	2.8	181.
6.2	26.0	2007.3	800.0	3.7	-0.7	320.4	8.7	5.6	-6.7	295.1	307.6	4.6	73.1	3.2	178.
7.1	28.5	2265.6	775.0	4.9	-9.6	289.6	11.2	10.5	-3.7	299.1	306.0	2.4	34.8	3.5	169.
8.3	31.1	2533.2	750.0	4.4	-4.1	292.6	12.6	11.7	-4.9	301.4	312.2	3.8	53.9	4.0	159.
9.4	33.8	2808.7	725.0	2.6	-3.2	292.4	13.8	12.8	-5.3	302.4	312.3	4.2	65.3	4.6	151.
10.4	36.4	3091.7	700.0	0.3	-6.9	296.4	16.2	14.5	-7.2	302.9	312.4	3.3	58.5	5.4	145.
11.3	39.1	3382.4	675.0	-2.0	-6.6	294.3	16.6	15.1	-6.8	303.5	313.5	3.5	70.8	6.2	141.
12.4	41.9	3681.9	650.0	-3.7	-5.2	290.1	15.0	14.1	-5.2	304.6	316.4	4.0	88.9	7.1	137.
13.4	44.7	3991.3	625.0	-4.9	-8.7	296.5	17.7	20.1	-7.9	306.9	316.3	3.2	74.8	7.9	134.
14.7	47.6	4313.0	600.0	-4.6	-34.3	304.8	24.4	25.8	-14.0	310.6	311.9	0.3	7.6	9.7	132.
15.9	50.5	4646.3	575.0	-7.1	-33.9	303.0	21.3	17.9	-11.6	311.7	313.0	0.4	9.5	11.3	131.
17.0	53.6	4991.2	550.0	-9.6	-32.8	299.8	21.3	18.5	-10.6	312.7	314.2	0.4	13.2	12.7	130.
18.1	56.6	5348.2	525.0	-12.8	-25.1	290.2	21.6	20.3	-7.4	313.0	316.2	1.0	36.4	14.1	127.
19.4	59.8	5719.2	500.0	-15.0	-17.3	281.9	21.7	21.2	-4.5	314.7	320.9	2.0	82.7	15.7	126.
20.7	63.0	6104.8	475.0	-18.1	-19.6	283.1	20.7	20.1	-4.7	315.4	321.0	1.7	89.0	17.1	124.
22.1	65.4	6506.9	450.0	-20.9	-21.6	284.1	22.4	21.7	-5.4	316.9	321.8	1.5	94.4	18.9	122.
23.6	69.9	6927.2	425.0	-23.9	-27.4	282.5	23.5	22.9	-5.1	318.4	321.6	0.9	72.4	20.9	120.
25.1	73.3	7368.0	400.0	-26.4	-38.6	282.4	26.4	25.8	-5.7	320.7	321.9	0.3	30.5	23.0	119.
26.7	77.0	7831.4	375.0	-29.5	-42.7	276.6	27.5	27.4	-3.2	322.5	323.4	0.2	26.4	25.5	117.
28.3	80.8	8319.3	350.0	-33.8	-46.3	274.0	30.8	30.8	-2.1	323.1	323.7	0.2	26.7	28.1	115.
30.0	84.8	8833.9	325.0	-38.5	-47.4	270.4	32.2	32.2	-0.2	323.7	324.3	0.2	38.3	31.1	112.
32.0	89.0	9380.1	300.0	-41.8	99.9	268.0	38.3	38.2	1.3	326.5	999.9	99.9	999.9	34.8	110.
34.3	93.3	9924.1	275.0	-46.3	99.9	263.9	41.0	40.8	4.3	328.1	999.9	99.9	999.9	39.3	107.
36.0	97.8	10589.5	250.0	-51.9	99.9	263.8	44.1	43.8	4.8	328.9	999.9	99.9	999.9	44.1	104.
38.5	102.8	11267.0	225.0	-53.6	99.9	267.8	43.3	43.3	1.6	336.4	999.9	99.9	999.9	50.4	102.
41.3	103.2	12018.5	200.0	-56.9	99.9	263.7	44.0	43.7	4.9	342.7	999.9	99.9	999.9	57.6	100.
44.3	114.0	12860.9	175.0	-58.2	99.9	263.3	37.9	37.6	4.4	354.0	999.9	99.9	999.9	64.6	98.
47.8	120.3	13831.8	150.0	-57.4	99.9	257.3	28.7	28.0	6.3	371.2	999.9	99.9	999.9	71.2	96.
51.9	127.5	14982.4	125.0	-57.8	99.9	264.3	25.8	25.7	2.5	390.3	999.9	99.9	999.9	77.5	95.
56.9	135.7	16384.6	100.0	-60.9	99.9	261.1	21.5	21.2	3.3	410.3	999.9	99.9	999.9	84.4	94.
62.8	145.0	18183.6	75.0	-59.7	99.9	271.7	13.6	13.6	-0.4	447.8	999.9	99.9	999.9	90.6	93.
71.5	150.0	20768.4	50.0	-54.5	99.9	325.1	5.9	3.4	-4.8	515.0	999.9	99.9	999.9	93.9	94.
84.2	167.0	25266.7	25.0	-49.6	99.9	262.5	5.4	5.4	0.7	642.0	999.9	99.9	999.9	95.6	94.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA21 MAY 1979
202 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RM PCT	RANGE KM	AZ DG
0.0	9.2	400.0	971.1	14.5	3.9	30.0	3.1	-1.5	-2.7	290.1	304.1	5.2	49.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	11.1	586.5	950.0	15.6	2.6	31.3	10.7	-5.6	-9.2	293.1	306.3	4.9	41.6	0.3	211.
1.5	13.5	811.9	925.0	13.4	1.6	24.6	8.8	-3.6	-8.0	293.0	305.7	4.6	41.6	0.8	208.
2.4	15.8	1041.7	900.0	11.4	1.3	22.6	8.3	-3.2	-7.6	293.3	306.1	4.7	49.7	1.2	207.
3.3	18.2	1276.2	875.0	9.2	0.8	15.6	8.8	-2.4	-8.5	293.4	306.0	4.6	55.4	1.6	205.
4.1	20.5	1515.6	850.0	6.7	0.1	5.8	9.0	-0.9	-8.9	293.2	305.6	4.5	62.5	2.1	202.
5.0	23.0	1759.8	825.0	4.5	-1.2	348.7	10.1	2.0	-9.9	293.4	305.1	4.3	66.4	2.5	198.
5.9	25.5	2011.0	800.0	5.8	-22.5	326.1	10.4	5.8	-8.6	297.3	300.3	1.0	14.2	3.0	191.
6.8	28.1	2270.2	775.0	5.0	-33.2	316.6	11.3	7.8	-8.2	299.1	300.1	0.3	4.2	3.4	183.
7.7	30.7	2536.9	750.0	4.0	-28.5	309.9	14.8	11.3	-8.5	300.9	303.2	0.7	10.3	3.8	175.
8.6	33.2	2811.8	725.0	3.4	-28.9	298.9	16.3	14.3	-7.9	303.2	304.8	0.5	7.5	4.4	167.
9.5	35.9	3095.3	700.0	1.3	-8.9	289.5	17.8	16.8	-5.9	303.9	312.2	2.8	46.6	5.0	159.
10.5	39.6	3386.9	675.0	-1.4	-5.9	288.0	18.6	17.7	-5.7	304.1	314.7	3.7	71.4	5.8	149.
11.6	41.3	3686.9	650.0	-2.9	-20.6	266.4	18.9	16.9	-8.4	305.7	309.7	1.3	27.2	6.8	143.
12.7	44.1	3957.2	625.0	-3.1	-42.8	306.3	18.0	14.5	-10.7	308.9	309.4	0.1	2.8	8.0	140.
13.9	47.1	4319.3	600.0	-4.7	-40.1	306.6	16.3	13.1	-9.7	310.7	311.3	0.2	4.2	9.2	138.
15.2	50.1	4652.1	575.0	-7.7	-39.5	300.3	16.4	14.1	-8.3	311.0	311.8	0.2	5.7	10.4	137.
16.5	53.0	4956.3	550.0	-10.1	-40.8	287.2	14.1	13.5	-4.2	312.2	312.8	0.2	5.9	11.5	134.
17.8	56.1	5328.8	525.0	-13.0	-28.2	289.2	16.4	15.5	-5.4	312.8	315.1	0.7	26.5	12.5	132.
19.1	59.3	5723.1	500.0	-15.7	-25.0	289.6	19.8	18.6	-6.6	313.9	317.2	1.0	44.7	13.8	130.
20.4	62.5	6108.5	475.0	-17.9	-27.4	286.4	21.5	20.6	-6.1	315.5	318.7	0.8	43.1	15.4	127.
21.8	65.8	6510.3	450.0	-21.3	-29.5	287.3	21.6	20.6	-6.4	316.5	319.0	0.7	47.2	17.1	125.
23.3	69.1	6928.6	425.0	-24.3	-30.2	288.9	22.5	21.3	-7.3	317.8	320.3	0.7	57.8	18.9	124.
24.8	72.7	7368.7	400.0	-27.7	-33.5	287.4	24.8	23.7	-7.4	319.0	320.8	0.5	51.9	21.0	122.
26.4	76.3	7829.9	375.0	-30.6	-35.9	279.2	29.2	28.8	-4.7	321.0	322.5	0.4	53.8	23.5	120.
28.0	80.0	8316.5	350.0	-34.1	-41.3	274.8	29.6	29.5	-2.5	322.7	323.8	0.3	48.1	25.1	117.
29.7	84.0	8830.8	325.0	-38.2	-46.9	276.2	35.3	35.1	-3.8	323.1	324.7	0.2	39.1	29.1	115.
31.4	89.2	9376.6	300.0	-42.3	-59.9	284.9	36.7	36.6	3.2	325.8	329.9	99.9	99.9	32.6	113.
33.6	92.5	9939.5	275.0	-47.0	-99.9	284.3	41.0	40.8	4.1	327.2	339.9	99.9	99.9	36.8	109.
36.0	97.2	10586.4	250.0	-50.0	-99.9	286.8	43.5	43.4	2.4	331.6	339.9	99.9	99.9	42.7	106.
39.3	102.0	11272.3	225.0	-52.5	-99.9	288.0	46.8	45.8	9.8	338.0	339.9	99.9	99.9	48.5	103.
40.6	107.3	12035.2	200.0	-57.5	-99.9	284.9	46.2	44.6	12.1	341.6	349.9	99.9	99.9	54.5	99.
43.8	113.0	12862.6	175.0	-60.0	-99.9	287.7	38.5	37.6	8.2	350.8	359.9	99.9	99.9	62.1	97.
47.1	119.3	13822.2	150.0	-59.4	-99.9	283.0	34.0	33.7	4.1	367.8	369.9	99.9	99.9	69.1	95.
51.1	126.5	14968.0	125.0	-59.8	-99.9	274.2	29.4	29.3	-2.2	386.8	389.9	99.9	99.9	76.5	94.
55.6	134.5	16355.6	100.0	-58.7	-99.9	287.4	20.7	19.8	-0.2	414.3	399.9	99.9	99.9	83.4	94.
61.5	144.0	18170.2	75.0	-57.4	-99.9	285.8	9.5	8.7	3.9	452.5	399.9	99.9	99.9	88.0	95.
69.4	154.5	20760.5	50.0	-55.7	-99.9	188.8	5.2	-1.0	5.1	512.4	399.9	99.9	99.9	89.1	95.
82.2	165.7	25236.8	25.0	-50.9	-99.9	247.6	5.6	5.2	2.1	638.7	399.9	99.9	99.9	89.8	94.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA21 MAY 1979
501 GMT

166 8. 2

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ
0.0	8.9	400.0	972.7	12.3	3.8	60.0	2.1	-1.6	-1.0	287.7	301.4	5.2	56.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	11.0	598.6	950.0	13.1	2.1	99.9	99.9	99.9	99.9	290.5	303.1	4.7	47.1	999.9	999.9
1.6	13.5	822.4	925.0	11.9	1.3	99.9	99.9	99.9	99.9	291.5	303.9	4.6	48.2	999.9	999.9
2.4	15.9	1051.0	900.0	10.2	0.8	57.2	7.4	-6.2	-4.0	292.0	304.3	4.5	52.3	1.3	253.
3.2	18.4	1284.7	875.0	8.4	0.2	16.9	5.4	-1.6	-5.2	292.4	304.7	4.5	56.4	1.5	248.
4.1	20.9	1523.5	850.0	6.5	-0.0	34.7	5.8	1.2	-5.7	292.9	305.3	4.5	63.2	1.7	238.
4.9	23.4	1767.5	825.0	3.9	-0.9	33.2	7.0	2.5	-6.5	292.7	304.6	4.4	70.9	1.8	229.
5.8	26.0	2018.1	800.0	5.2	-32.4	32.6	7.8	4.5	-6.3	296.7	297.7	0.3	4.5	1.9	216.
6.9	28.7	2278.9	775.0	4.4	-34.1	31.4	6.6	5.0	-4.4	298.6	299.5	0.3	4.0	2.1	204.
7.8	31.3	2543.0	750.0	3.3	-34.6	30.5	7.6	6.3	-4.2	300.1	301.0	0.3	4.2	2.2	194.
8.9	34.1	2816.9	725.0	1.8	-36.0	29.5	10.4	9.4	-4.5	301.5	302.3	0.2	4.1	2.4	181.
9.9	36.8	3099.0	700.0	0.3	-19.7	29.0	14.8	13.5	-6.0	302.8	306.4	1.2	20.9	2.8	166.
11.0	39.7	3389.6	675.0	-1.2	-15.2	30.5	15.8	13.5	-8.3	304.3	309.6	1.7	33.6	3.5	153.
12.1	42.5	3690.1	650.0	-1.3	-50.8	30.1	14.3	11.1	-9.0	307.5	307.7	0.1	1.0	4.4	148.
13.3	45.4	4001.8	625.0	-2.4	-49.1	30.6	13.9	11.0	-8.5	309.7	309.9	0.1	1.3	5.4	144.
14.4	48.4	4324.2	600.0	-4.8	-40.8	30.6	14.5	12.1	-8.0	310.6	311.2	0.2	3.9	6.3	142.
15.6	51.4	4657.0	575.0	-7.8	-40.1	29.7	14.5	13.2	-6.1	310.9	311.6	0.2	5.4	7.3	139.
16.8	54.5	5001.0	550.0	-10.1	-29.2	29.8	15.5	14.3	-6.0	312.1	314.1	0.6	19.2	8.2	135.
17.9	57.7	5358.0	525.0	-12.0	-21.3	29.2	17.4	16.2	-6.6	314.0	318.2	1.3	46.1	9.3	133.
19.3	60.9	5729.2	500.0	-15.0	-21.1	28.7	19.7	18.2	-6.3	314.8	319.3	1.4	59.1	10.7	130.
20.7	64.3	6115.2	475.0	-17.9	-23.0	28.3	19.6	18.8	-5.5	315.6	319.9	1.3	64.3	12.3	126.
22.1	67.6	6517.3	450.0	-21.1	-26.3	28.4	20.2	19.4	-5.7	316.8	320.0	1.0	62.6	13.9	124.
23.7	71.1	6934.8	425.0	-24.3	-28.3	28.3	21.6	21.3	-5.0	317.9	320.8	0.9	69.0	15.7	122.
25.1	74.7	7376.1	400.0	-27.4	-32.6	28.5	24.6	24.1	-5.8	319.4	321.4	0.6	61.0	17.6	120.
26.7	78.5	7837.5	375.0	-30.5	-42.2	28.1	26.6	24.2	-6.1	321.3	322.2	0.3	31.5	20.3	118.
28.5	82.3	8325.1	350.0	-33.9	-47.0	27.5	32.3	32.0	-4.2	323.1	323.6	0.1	24.2	23.3	115.
30.3	86.3	8839.8	325.0	-38.1	-49.0	27.0	34.9	34.9	-0.3	324.2	324.7	0.1	30.3	26.7	112.
32.5	90.7	9385.1	300.0	-41.9	99.9	26.4	38.5	38.7	3.8	326.4	699.9	99.9	99.9	31.2	108.
34.8	95.0	9968.9	275.0	-46.4	99.9	26.7	38.5	38.2	4.9	328.0	999.9	99.9	99.9	36.1	105.
37.0	99.7	10598.2	250.0	-50.1	99.9	25.9	42.6	41.7	8.9	331.6	999.9	99.9	99.9	41.1	102.
39.8	104.6	11281.4	225.0	-52.6	99.9	25.3	41.3	39.7	11.2	337.5	999.9	99.9	99.9	47.5	98.
42.5	109.8	12032.4	200.0	-57.6	99.9	25.9	44.2	43.5	7.8	341.5	999.9	99.9	99.9	54.1	95.
45.6	115.6	12868.4	175.0	-61.0	99.9	25.9	39.1	38.5	6.8	349.3	999.9	99.9	99.9	61.5	93.
49.1	121.7	13823.7	150.0	-62.1	99.9	26.1	33.4	33.4	1.1	363.1	999.9	99.9	99.9	69.3	92.
53.3	129.7	14954.3	125.0	-55.3	99.9	28.6	28.6	27.5	-8.2	387.6	999.9	99.9	99.9	77.0	93.
58.8	136.3	16360.9	100.0	-57.3	99.9	27.6	17.2	17.1	-1.8	417.1	999.9	99.9	99.9	84.1	94.
64.8	145.0	18165.3	75.0	-57.9	99.9	25.0	9.2	9.0	2.2	451.6	999.9	99.9	99.9	88.1	93.
73.4	155.0	20737.3	50.0	-53.8	99.9	26.4	6.1	5.9	1.0	510.6	999.9	99.9	99.9	93.9	93.
86.8	166.0	25199.1	25.0	-53.0	99.9	318.5	4.4	3.0	-3.3	632.2	999.9	99.9	99.9	91.9	92.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
 OMAHA, NEBRASKA

 21 MAY 1979
 802 GMT

164 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	400.0	972.9	8.8	3.6	90.0	2.6	-2.6	0.0	284.2	297.5	5.1	70.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	11.5	558.5	550.0	10.7	0.9	100.3	10.0	-9.9	1.8	288.1	299.6	4.3	50.7	0.4	289.
1.6	13.7	820.5	925.0	9.9	-0.9	88.5	8.5	-8.5	-0.2	289.5	300.0	3.9	46.8	0.9	278.
2.4	16.0	1047.8	500.0	9.2	0.5	67.0	5.9	-5.4	-2.3	291.0	303.0	4.4	54.2	1.2	276.
3.4	18.4	1230.8	875.0	7.4	0.3	19.1	5.1	-1.7	-4.8	291.5	303.7	4.5	60.7	1.4	266.
4.7	23.9	1518.8	850.0	5.6	0.8	349.0	6.1	1.2	-6.0	292.0	305.0	4.8	71.5	1.5	254.
5.2	23.2	1762.3	825.0	3.9	-4.6	334.1	6.8	3.0	-6.1	292.7	303.0	3.8	62.0	1.5	239.
6.0	25.7	2312.8	800.0	5.2	-28.6	334.8	5.5	2.5	-5.3	296.7	298.2	0.5	6.7	1.5	227.
6.9	28.1	2271.4	775.0	4.4	-31.1	309.9	5.7	4.4	-3.7	298.6	299.7	0.4	5.4	1.6	217.
7.9	30.6	2537.8	750.0	3.6	-33.3	296.0	7.9	7.1	-3.4	300.5	301.5	0.3	4.6	1.6	202.
9.0	33.2	2812.0	725.0	2.5	-32.4	298.8	11.0	9.6	-5.3	302.2	303.4	0.4	5.9	1.7	183.
10.1	35.8	3094.5	700.0	1.0	-27.7	301.6	13.8	11.8	-7.2	303.6	305.4	0.6	9.5	2.3	162.
11.1	38.4	3386.4	675.0	0.7	-41.6	301.5	12.4	10.6	-6.5	306.4	307.0	0.2	3.1	3.1	151.
12.5	41.2	3688.8	650.0	-0.3	-42.0	297.1	11.4	10.2	-5.2	308.6	309.1	0.1	2.5	3.8	144.
13.6	44.0	4001.0	625.0	-2.3	-37.8	290.9	12.2	11.4	-4.3	309.9	310.7	0.2	4.5	4.5	140.
14.8	46.9	4323.3	600.0	-5.1	-40.4	283.3	12.9	12.6	-3.0	310.3	310.9	0.2	4.2	5.2	134.
15.9	49.7	4651.7	575.0	-8.1	-38.9	287.6	13.6	12.9	-4.1	310.5	311.3	0.2	6.3	6.1	130.
17.2	52.7	4999.1	550.0	-10.8	-19.8	287.1	15.4	13.7	-7.0	311.3	316.4	1.7	55.1	7.1	127.
18.8	55.8	5355.1	525.0	-13.5	-20.1	296.9	15.9	14.1	-7.2	312.2	316.9	1.5	57.3	8.6	126.
20.3	58.9	5725.2	500.0	-15.6	-21.7	296.0	17.0	15.3	-7.5	314.0	318.3	1.3	59.4	10.0	124.
21.9	62.1	6110.1	475.0	-18.7	-23.0	299.6	17.0	14.8	-8.4	314.9	319.0	1.3	68.7	11.6	123.
23.4	65.4	6511.8	450.0	-21.1	-27.1	299.6	18.0	15.6	-8.9	316.8	319.8	0.9	58.1	13.3	123.
25.1	68.7	6931.4	425.0	-24.3	-32.0	301.8	19.7	16.8	-10.4	317.9	319.9	0.6	48.5	15.1	123.
26.7	72.3	7370.8	400.0	-26.5	-44.4	296.0	25.0	22.4	-11.0	320.2	321.2	0.2	16.7	17.3	122.
28.6	75.9	7834.8	375.0	-29.4	-45.8	288.9	27.6	26.1	-8.9	322.6	323.3	0.2	18.6	20.3	121.
30.7	79.7	8322.6	350.0	-34.1	-46.7	286.4	27.8	26.7	-7.9	322.7	323.3	0.2	26.7	23.7	119.
32.8	83.7	8836.5	325.0	-38.5	-48.9	281.6	28.6	28.0	-5.8	323.6	324.1	0.1	32.1	27.2	117.
35.1	87.8	9382.9	300.0	-40.8	99.9	272.9	33.4	33.3	-1.7	327.9	999.9	99.9	999.9	31.1	111.
37.3	92.2	9970.6	275.0	-44.6	99.9	258.3	37.9	37.1	7.7	330.6	999.9	99.9	999.9	35.3	111.
39.6	96.7	10503.7	250.0	-48.2	99.9	253.7	45.5	43.6	12.7	334.4	999.9	99.9	999.9	40.1	106.
42.0	101.6	11288.8	225.0	-54.2	99.9	256.0	49.4	48.0	11.9	335.2	999.9	99.9	999.9	46.1	101.
44.8	106.9	12037.2	200.0	-57.4	99.9	257.1	42.5	41.4	9.5	341.6	999.9	99.9	999.9	53.7	98.
48.0	112.7	12975.5	175.0	-60.3	99.9	265.0	39.1	39.0	3.4	350.4	999.9	99.9	999.9	60.9	95.
51.3	119.0	13932.6	150.0	-62.2	99.9	275.0	32.5	32.3	-2.8	363.0	999.9	99.9	999.9	68.0	93.
55.4	126.2	14968.4	125.0	-60.4	99.9	285.8	22.9	22.0	-6.2	385.6	999.9	99.9	999.9	75.1	95.
60.5	134.3	16361.0	100.0	-60.1	99.9	276.7	15.8	15.6	-1.8	411.5	999.9	99.9	999.9	80.9	96.
65.9	144.0	18163.4	73.0	-57.6	99.9	293.0	13.3	12.2	-5.2	452.1	999.9	99.9	999.9	86.7	93.
75.3	155.0	20744.8	50.0	-56.2	99.9	240.7	9.3	8.1	4.6	511.2	999.9	99.9	999.9	89.7	95.
89.1	167.0	25205.6	25.0	-51.6	99.9	999.9	99.9	99.9	99.9	636.2	999.9	99.9	999.9	90.9	95.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 523
 OMAHA, NEBRASKA

 21 MAY 1979
 1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	400.0	973.7	7.2	2.9	120.0	2.6	-2.3	1.3	282.5	255.1	4.8	74.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	11.5	603.7	950.0	8.2	0.6	117.5	9.5	-8.4	4.4	285.6	256.8	4.2	58.7	0.3	304.
1.5	13.9	823.9	925.0	7.9	-0.9	107.0	7.7	-7.3	2.2	287.4	297.8	3.9	53.5	0.7	299.
2.3	16.4	1049.8	900.0	7.3	-1.4	73.8	5.3	-5.1	-1.5	289.1	299.5	3.9	54.1	1.0	291.
3.1	18.9	1281.3	875.0	6.0	-0.7	30.5	4.8	-2.5	-4.2	290.1	301.4	4.2	62.0	1.1	281.
3.9	21.4	1518.6	850.0	4.7	-0.6	351.9	6.9	1.0	-6.8	291.1	302.8	4.3	68.4	1.1	269.
4.7	24.1	1761.5	825.0	3.9	-1.3	338.7	7.7	2.8	-7.1	292.8	297.6	1.7	27.2	1.1	247.
5.7	26.7	2011.5	800.0	4.4	-40.6	336.8	5.6	2.2	-5.2	295.5	296.3	0.1	2.1	1.1	227.
6.6	29.3	2269.6	775.0	4.4	-41.8	317.9	5.7	3.8	-4.2	298.5	299.1	0.2	2.6	1.3	216.
7.5	31.9	2526.3	750.0	4.1	-14.7	297.4	9.6	8.5	-4.4	301.1	306.0	1.6	24.1	1.3	197.
8.5	34.7	2811.2	725.0	2.9	-22.8	292.8	10.6	9.8	-4.1	302.7	305.4	0.9	13.4	1.5	173.
9.4	37.3	3094.6	700.0	1.3	-8.7	281.9	11.9	11.6	-2.5	303.9	312.2	2.8	47.4	1.8	155.
10.3	40.1	3386.3	675.0	-0.7	-7.4	275.0	12.5	12.4	-1.1	304.8	314.4	3.3	60.6	2.3	140.
11.4	43.0	3686.7	650.0	-1.9	-51.1	271.4	10.8	10.8	-0.3	306.2	307.0	0.1	1.0	2.9	129.
12.6	45.9	3957.4	625.0	-3.8	-52.3	275.0	9.6	9.6	-0.8	308.1	308.3	0.0	1.0	3.4	122.
13.8	48.9	4317.9	600.0	-6.4	-48.3	275.4	9.7	9.6	-0.9	308.6	309.1	0.1	2.0	4.1	118.
15.0	51.9	4648.9	575.0	-9.3	-26.3	278.3	10.5	10.3	-1.7	309.2	311.7	0.8	23.6	4.8	115.
16.2	55.0	4990.4	550.0	-12.5	-19.7	272.1	12.1	12.1	-0.5	309.2	313.8	1.5	54.9	5.5	112.
17.3	58.1	5345.3	525.0	-14.2	-18.4	303.9	13.0	10.8	-7.2	311.4	316.7	1.7	70.3	6.4	110.
18.6	61.4	5714.4	500.0	-16.3	-23.1	305.7	12.0	9.8	-7.0	313.1	317.0	1.2	55.5	7.3	114.
20.1	64.7	6098.4	475.0	-18.9	-26.4	298.5	12.3	10.8	-5.9	314.6	317.6	0.9	51.5	8.3	114.
21.6	68.1	6499.0	450.0	-22.0	-30.0	298.7	12.9	11.3	-6.2	315.6	318.0	0.7	47.9	9.4	115.
23.1	71.7	6917.1	425.0	-23.9	-40.7	297.9	15.7	13.9	-7.4	318.2	319.3	0.3	21.2	10.7	115.
24.6	75.3	7358.5	400.0	-26.5	-41.1	297.3	18.6	16.5	-8.5	320.6	321.6	0.3	23.5	12.3	116.
26.2	79.0	7821.0	375.0	-30.5	-43.3	292.4	20.0	18.4	-7.6	321.2	322.0	0.2	26.9	14.1	116.
27.9	82.8	8307.7	350.0	-34.3	-43.9	278.9	21.7	21.4	-3.7	322.5	323.3	0.2	36.6	16.2	114.
29.7	86.8	8821.5	325.0	-38.6	-45.7	278.1	23.1	25.9	-2.8	323.4	324.1	0.2	46.6	18.6	112.
31.7	91.2	9366.4	300.0	-41.7	-49.9	269.5	31.5	31.5	0.8	326.5	329.9	99.9	99.9	21.9	109.
33.9	95.5	9951.6	275.0	-45.3	-53.3	257.6	37.5	36.7	8.0	329.2	330.9	99.9	99.9	25.7	105.
35.9	100.2	10581.2	250.0	-50.0	-59.9	253.2	43.7	41.8	12.6	331.2	333.9	99.9	99.9	30.3	100.
38.3	105.0	11261.5	225.0	-54.9	-64.9	253.3	45.0	43.5	11.4	334.4	337.9	99.9	99.9	36.5	95.
41.1	110.4	12007.9	200.0	-58.2	-69.9	263.5	36.1	35.9	4.1	340.7	343.7	99.9	99.9	43.1	93.
44.2	116.0	12842.3	175.0	-59.0	-72.4	272.4	30.1	30.1	-1.3	352.6	355.9	99.9	99.9	49.2	92.
47.7	122.2	13807.1	150.0	-59.2	-79.9	281.1	26.6	26.1	-5.1	369.2	372.9	99.9	99.9	55.0	91.
51.8	129.0	14946.7	125.0	-56.5	-86.9	280.7	23.0	23.6	-4.4	389.1	393.9	99.9	99.9	60.4	93.
56.8	136.7	16347.9	100.0	-60.4	-99.9	278.5	15.4	15.2	-2.3	411.0	415.9	99.9	99.9	65.8	94.
62.6	145.3	18152.5	75.0	-56.8	-99.9	267.0	13.0	12.9	0.7	454.0	459.9	99.9	99.9	70.7	94.
70.2	155.0	20732.9	50.0	-56.4	-99.9	331.3	7.2	3.5	-6.3	510.6	515.9	99.9	99.9	74.0	94.
82.4	165.5	25217.3	25.0	-49.9	-99.9	16.6	2.6	-0.7	-2.5	641.5	646.9	99.9	99.9	75.2	94.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
 NORTH PLATTE, NEBRASKA

 20 MAY 1979
 1105 GMT

TIME MIN	CNTCT	HEIGHT GCM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.8	847.0	919.7	13.3	1.9	60.0	2.6	-2.3	-1.3	293.4	306.5	4.8	46.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.5	16.5	1020.0	930.0	12.0	2.7	99.9	99.9	99.9	99.9	293.8	307.9	5.2	52.9	999.9	999.9
1.2	15.1	1244.1	935.0	10.0	1.4	99.9	99.9	99.9	99.9	294.2	307.5	4.9	55.1	999.9	999.9
2.2	21.6	1504.6	930.0	8.6	-1.4	99.9	99.9	99.9	99.9	295.2	306.5	4.1	49.4	999.9	999.9
3.4	21.1	1751.2	925.0	7.6	-0.3	99.9	99.9	99.9	99.9	296.7	309.3	4.6	57.4	999.9	999.9
4.5	26.7	2004.2	900.0	5.6	4.1	99.9	99.9	99.9	99.9	297.1	314.8	6.5	90.9	999.9	999.9
5.4	29.2	2261.0	775.0	5.1	5.1	99.9	99.9	99.9	99.9	299.3	318.8	7.1	101.7	3.3	236.
6.2	31.8	2532.3	750.0	4.2	4.2	20.8	1.8	-0.6	-1.7	301.2	320.3	6.9	101.6	3.4	237.
7.3	34.4	2808.1	725.0	2.8	2.0	331.4	3.3	1.6	-2.9	302.5	319.7	6.1	94.6	3.4	235.
7.9	37.1	3092.0	700.0	1.0	0.7	331.6	4.6	2.2	-4.0	303.6	319.9	5.8	98.0	3.4	232.
7.0	39.9	3383.9	675.0	-1.1	-1.2	330.5	5.7	2.8	-5.0	304.4	319.2	5.2	99.6	3.5	226.
10.2	42.7	3584.3	650.0	-3.3	-3.3	321.5	6.5	4.1	-5.1	305.2	318.5	4.6	100.3	3.6	219.
12.0	45.6	3992.7	625.0	-5.0	-48.9	317.3	8.8	6.0	-6.5	306.6	307.1	0.1	1.9	3.8	207.
13.4	49.5	4313.8	600.0	-5.6	-53.5	298.7	11.9	10.5	-5.7	309.6	309.8	0.0	1.0	4.0	195.
14.6	51.5	4646.7	575.0	-6.8	-54.2	290.8	12.2	11.4	-4.3	312.6	312.2	0.0	1.0	4.3	183.
16.0	54.5	4992.6	550.0	-8.6	-55.4	289.6	11.4	10.8	-3.8	313.6	314.0	0.0	1.0	4.6	171.
17.2	57.6	5351.4	525.0	-10.5	-56.5	293.2	12.0	11.0	-4.7	315.9	316.0	0.0	1.0	5.1	163.
19.5	60.9	5724.9	500.0	-12.8	-58.0	293.4	13.1	12.1	-5.2	317.2	317.6	0.0	1.0	5.8	156.
19.7	64.1	6114.6	475.0	-15.1	-59.5	285.4	13.7	13.2	-3.6	319.2	319.3	0.0	1.0	6.5	149.
21.0	67.5	6520.8	450.0	-18.5	-60.7	281.0	14.1	13.8	-2.7	320.6	320.1	0.0	1.1	7.3	143.
22.4	70.9	6944.1	425.0	-22.0	-55.1	281.7	15.1	14.8	-3.1	320.6	321.0	0.0	3.2	8.2	138.
23.8	74.6	7385.8	400.0	-26.0	-54.0	282.5	16.7	16.3	-3.6	321.3	321.5	0.1	5.2	9.3	133.
25.1	78.2	7849.9	375.0	-30.3	-47.0	281.1	18.3	18.0	-3.5	321.5	322.0	0.1	17.8	10.5	129.
26.7	82.0	8336.6	350.0	-33.9	-38.2	260.6	17.8	17.6	2.9	323.1	324.5	0.4	64.2	12.0	124.
28.3	85.0	8852.2	325.0	-37.6	-42.2	250.5	17.9	16.8	6.0	324.9	325.9	0.3	61.4	13.1	118.
30.4	90.3	9395.3	300.0	-42.4	99.9	253.8	19.0	18.3	5.3	325.6	325.9	99.9	999.9	14.7	112.
32.4	94.7	9981.8	275.0	-47.0	99.9	251.9	23.1	21.9	7.2	327.1	327.9	99.9	999.9	16.8	107.
34.7	99.4	10606.1	250.0	-51.7	99.9	248.1	25.7	24.8	9.9	329.2	329.9	99.9	999.9	19.6	101.
36.9	104.2	11283.9	225.0	-54.2	99.9	251.4	25.9	24.5	8.2	335.5	335.9	99.9	999.9	22.8	96.
39.8	109.5	12032.7	200.0	-57.3	99.9	253.2	23.0	22.0	6.6	342.0	342.0	99.9	999.9	26.7	92.
42.7	115.2	12869.6	175.0	-61.6	99.9	253.8	22.1	21.4	5.4	348.2	348.2	99.9	999.9	30.4	90.
46.4	121.5	13830.9	150.0	-59.1	99.9	250.3	22.0	20.7	7.4	368.3	368.3	99.9	999.9	35.2	88.
50.5	129.3	14969.2	125.0	-60.7	99.9	269.9	19.4	19.4	0.0	385.0	385.0	99.9	999.9	40.0	86.
55.8	136.0	16358.3	100.0	-58.9	99.9	264.1	14.0	14.0	1.4	413.9	413.9	99.9	999.9	45.3	87.
61.9	144.5	18171.4	75.0	-59.0	99.9	263.4	7.3	7.2	0.8	449.2	449.2	99.9	999.9	51.3	87.
70.3	153.7	20746.6	50.0	-53.9	99.9	256.6	3.4	2.4	2.3	516.2	516.2	99.9	999.9	51.3	87.
82.9	163.5	25218.1	25.0	-49.2	99.9	252.6	3.2	3.0	0.9	643.6	643.6	99.9	999.9	51.5	86.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA

20 MAY 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	847.0	522.5	12.8	1.5	40.0	5.1	-3.3	-3.9	292.6	305.2	4.6	46.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	15.2	1053.6	900.0	10.5	0.7	33.7	10.4	-5.8	-8.6	292.4	304.6	4.5	50.5	0.3	217.
1.4	17.5	1287.6	875.0	8.8	-1.5	36.2	12.1	-7.1	-9.8	292.5	303.7	3.9	48.1	0.8	215.
2.2	19.6	1526.6	850.0	6.8	-3.5	38.1	12.9	-7.9	-10.1	293.3	302.9	3.5	47.7	1.4	216.
2.9	21.9	1771.0	825.0	5.0	-5.1	41.2	12.1	-8.0	-9.1	293.9	302.8	3.2	48.0	2.0	217.
3.8	24.2	2021.3	800.0	3.3	-6.1	56.0	10.4	-8.6	-5.8	294.7	303.3	3.0	49.9	2.6	219.
4.6	26.5	2278.7	775.0	3.0	-5.0	87.0	7.7	-7.7	-0.4	297.0	306.7	3.4	55.7	3.0	223.
5.6	29.9	2544.2	750.0	3.1	3.1	142.4	5.2	-3.2	4.1	300.0	317.7	6.4	102.7	3.1	230.
6.4	31.3	2819.6	725.0	2.4	2.4	202.4	4.6	1.8	4.3	302.1	319.6	6.3	102.2	3.0	233.
7.5	33.7	3103.2	700.0	1.3	1.1	249.4	5.0	4.7	1.8	304.0	320.7	5.9	98.2	2.7	234.
8.6	36.2	3395.7	675.0	-0.1	-1.0	277.6	7.5	7.4	-1.0	305.2	320.6	5.3	93.8	2.4	228.
9.6	38.7	3657.6	650.0	-1.8	-2.9	289.2	9.9	9.3	-3.2	307.0	320.8	4.8	92.1	2.1	215.
10.7	41.3	4008.7	625.0	-4.3	-5.2	292.8	11.3	10.4	-4.4	307.6	319.7	4.1	93.0	2.1	196.
11.8	43.9	4329.7	600.0	-6.3	-7.0	301.4	12.5	10.6	-6.5	308.2	320.0	3.8	95.1	2.3	178.
12.8	46.6	4661.8	575.0	-8.4	-8.7	304.1	13.5	10.7	-8.1	310.2	320.5	3.5	98.1	2.9	165.
14.1	49.3	5006.3	550.0	-9.6	-15.1	304.2	12.9	10.6	-7.2	312.7	319.4	2.2	64.2	3.7	155.
15.5	52.1	5364.2	525.0	-10.9	-29.6	301.2	12.5	10.7	-6.5	315.3	317.4	0.6	19.6	4.6	148.
16.8	55.0	5737.5	500.0	-13.1	-30.3	294.6	14.2	12.9	-5.9	317.1	319.2	0.6	22.0	5.6	143.
18.2	59.0	6126.6	475.0	-15.9	-34.1	292.4	16.0	14.8	-6.1	318.3	319.9	0.4	19.0	6.7	137.
19.6	61.0	6531.7	450.0	-19.0	-36.2	291.0	15.9	14.8	-5.7	319.4	320.7	0.4	20.1	7.9	133.
21.0	64.1	6954.2	425.0	-22.9	-38.5	287.2	17.5	16.7	-5.2	319.7	320.8	0.3	22.4	9.2	130.
22.5	67.3	7355.6	400.0	-26.5	-39.0	285.6	19.4	18.7	-5.2	320.6	321.7	0.3	29.2	10.8	126.
24.2	70.6	7858.4	375.0	-30.3	-41.5	283.5	20.8	20.2	-4.9	321.4	322.4	0.3	32.4	12.7	123.
25.9	74.0	8344.8	350.0	-33.8	-43.5	271.8	22.7	22.7	-0.7	323.2	324.0	0.2	36.6	14.7	119.
27.7	77.6	8861.1	325.0	-37.0	-43.9	258.3	25.3	24.8	5.1	325.6	326.5	0.2	48.7	16.9	114.
29.4	81.3	9410.0	300.0	-40.8	99.9	248.5	27.3	25.4	10.0	327.9	999.9	99.9	999.9	19.1	109.
31.3	85.2	9955.7	275.0	-46.0	99.9	239.9	26.4	22.8	13.2	328.6	999.9	99.9	999.9	21.3	103.
33.4	89.3	10621.6	250.0	-52.0	99.9	238.4	27.6	23.5	14.5	328.6	999.9	99.9	999.9	23.7	98.
35.6	93.7	11296.2	225.0	-56.1	99.9	247.5	30.3	28.0	11.6	332.6	999.9	99.9	999.9	27.1	92.
38.2	99.4	12043.8	200.0	-56.9	99.9	260.7	27.0	26.7	4.4	342.6	999.9	99.9	999.9	31.4	90.
41.1	103.4	12884.4	175.0	-59.4	99.9	263.0	23.7	23.5	2.9	352.0	999.9	99.9	999.9	35.7	89.
44.1	108.8	13849.8	150.0	-59.9	99.9	257.4	20.8	20.3	4.6	367.0	999.9	99.9	999.9	39.6	88.
47.9	115.0	14991.7	125.0	-59.7	99.9	271.8	17.2	17.2	-0.6	366.5	999.9	99.9	999.9	44.0	88.
52.7	125.0	16391.6	100.0	-57.1	99.9	269.9	14.4	14.4	0.0	417.3	999.9	99.9	999.9	48.6	88.
58.3	130.0	18204.6	75.0	-57.8	99.9	252.5	6.7	6.4	2.0	451.7	999.9	99.9	999.9	51.9	88.
65.8	140.0	20787.7	50.0	-54.2	99.9	240.7	3.9	3.4	1.9	515.7	999.9	99.9	999.9	53.6	87.
77.0	151.7	25276.9	25.0	-49.4	99.9	274.1	3.7	3.7	-0.3	642.9	999.9	99.9	999.9	54.3	86.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
 NORTH PLATTE, NEBRASKA

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG	159 11. 0	
0.0	14.2	847.0	924.3	11.7	1.6	360.0	6.2	0.0	-6.2	291.3	304.0	4.7	50.0	0.0	0.		
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
0.9	16.7	1070.1	900.3	8.4	2.0	19.3	6.9	-2.3	-6.6	290.1	303.3	4.9	64.0	0.2	199.		
1.6	19.1	1303.3	875.3	7.3	2.0	18.0	10.6	-3.3	-10.0	291.5	305.1	5.1	68.6	0.6	199.		
2.3	21.6	1540.3	850.3	5.7	1.3	14.0	11.7	-2.8	-11.4	292.1	306.5	5.1	73.0	1.1	198.		
3.1	24.1	1781.5	825.3	3.7	1.4	12.8	10.9	-2.4	-10.7	292.5	306.5	5.1	84.7	1.7	196.		
4.0	26.7	2031.3	800.0	1.9	0.7	18.6	8.4	-2.7	-7.9	293.0	306.7	5.0	92.4	2.2	195.		
4.3	27.2	2239.3	775.0	0.7	-1.2	58.5	6.0	-5.1	-3.1	293.6	307.1	4.6	87.2	2.5	197.		
5.9	31.9	2553.1	750.0	-0.4	-5.3	122.7	6.3	-5.3	3.4	296.2	305.8	3.4	69.4	2.7	204.		
6.3	34.6	2925.1	725.0	1.2	1.2	181.1	8.1	0.2	8.1	300.6	317.0	5.8	101.9	2.4	211.		
3.0	37.3	3108.0	700.0	0.6	0.6	217.3	6.7	4.1	5.3	303.2	319.4	5.7	101.8	1.9	214.		
3.9	39.3	3300.0	675.0	-0.6	-0.6	239.6	5.9	5.5	2.1	304.5	320.4	5.4	101.7	1.6	211.		
9.3	43.9	3701.7	650.0	-2.1	-2.1	282.0	7.6	7.5	-1.6	306.6	321.1	5.1	101.5	1.4	198.		
10.3	45.9	4012.7	625.0	-4.1	-5.3	296.3	9.5	8.5	-4.2	307.8	319.9	4.1	90.9	1.6	179.		
11.9	48.6	4334.3	600.0	-5.9	-7.9	299.4	9.9	8.6	-4.8	309.3	319.8	3.5	85.7	1.9	163.		
13.0	51.6	4666.5	575.0	-8.5	-12.0	297.0	9.8	8.7	-4.5	310.1	318.1	2.7	75.6	2.5	152.		
14.0	54.6	5011.1	550.0	-9.8	-12.9	284.6	10.4	10.1	-2.6	312.5	320.4	2.6	78.0	3.0	144.		
15.2	57.8	5369.0	525.0	-12.0	-15.5	284.1	12.0	11.6	-2.9	314.0	320.8	2.2	74.8	3.6	136.		
16.7	60.9	5740.3	500.0	-14.8	-19.0	293.0	15.0	13.8	-6.9	315.0	320.9	1.8	76.1	4.7	129.		
19.1	64.1	6127.0	475.0	-16.6	-28.3	296.8	18.9	16.9	-8.5	317.4	320.0	0.8	35.4	6.0	126.		
19.4	67.5	6531.4	450.0	-19.5	-31.6	294.6	19.4	17.6	-8.1	318.6	320.8	0.6	32.9	7.6	124.		
20.9	71.0	6953.2	425.0	-22.6	-36.6	288.6	19.4	18.4	-6.3	320.1	321.4	0.4	26.3	9.1	122.		
22.2	74.6	7355.7	400.0	-25.9	-40.2	281.1	20.3	19.9	-3.9	321.3	322.4	0.3	24.5	10.8	119.		
23.7	79.3	7859.3	375.0	-29.8	-43.3	277.5	20.7	20.5	-2.7	322.1	322.9	0.2	25.5	12.5	116.		
25.5	82.2	8347.8	350.0	-33.3	-50.6	266.1	22.0	22.0	1.5	323.8	324.2	0.1	15.7	14.5	113.		
27.1	86.2	8833.9	325.0	-37.6	-50.0	256.6	24.7	24.0	5.7	324.9	325.3	0.1	25.6	16.5	109.		
28.9	90.3	9411.2	300.0	-41.7	-59.9	256.6	27.8	26.1	9.5	325.6	325.9	99.9	999.9	19.0	104.		
30.9	94.8	9944.8	275.0	-46.5	-69.9	247.1	30.0	27.6	11.7	327.4	327.9	99.9	999.9	21.7	98.		
32.9	99.4	10620.7	250.0	-51.8	-79.9	245.9	26.7	24.3	10.9	329.1	329.9	99.9	999.9	24.7	94.		
35.2	104.4	11296.3	225.0	-56.5	-89.9	251.1	29.2	27.6	9.4	331.9	331.9	99.9	999.9	28.1	91.		
37.7	109.6	12041.5	200.0	-58.2	-99.9	257.3	29.0	28.3	6.4	334.7	334.7	99.9	999.9	32.5	88.		
40.4	115.5	12977.5	175.0	-60.2	-99.9	257.3	25.5	25.5	1.1	330.2	330.2	99.9	999.9	36.9	88.		
43.7	122.0	13948.3	150.0	-57.7	-99.9	277.6	20.0	19.8	-2.6	370.6	369.9	99.9	999.9	41.3	88.		
47.2	129.0	14998.2	125.0	-59.8	-99.9	262.3	17.3	17.1	2.3	386.7	386.7	99.9	999.9	44.8	89.		
51.7	137.0	16402.7	100.0	-56.6	-99.9	262.7	14.9	14.8	1.9	418.5	418.5	99.9	999.9	49.7	88.		
57.3	146.0	18221.3	75.0	-56.6	-99.9	248.8	8.4	7.8	3.0	454.3	454.3	99.9	999.9	52.9	88.		
65.3	156.3	20806.1	50.0	-54.2	-99.9	245.0	5.2	4.7	2.2	515.9	515.9	99.9	999.9	55.4	86.		
77.3	166.7	25313.7	25.0	-48.8	-99.9	999.9	99.9	99.9	99.9	644.7	644.7	99.9	999.9	57.3	85.		

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA

20 MAY 1979
2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT V DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.9	847.0	924.1	13.3	2.8	10.0	5.1	-8.9	-5.0	293.0	306.8	5.1	49.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	16.2	1067.4	900.0	9.3	1.0	19.8	5.8	-2.0	-5.5	291.2	303.5	4.6	55.8	0.2	201.
1.5	19.6	1300.3	875.0	7.1	0.4	21.6	7.3	-2.7	-6.8	291.1	303.3	4.5	62.3	0.5	200.
2.4	21.1	1538.2	850.0	7.0	-0.3	22.3	7.9	-3.0	-7.3	293.5	305.5	4.4	59.7	1.0	202.
3.3	23.5	1783.6	825.0	5.8	-0.3	9.5	6.8	-1.1	-6.7	294.8	307.3	4.6	64.9	1.4	201.
4.1	26.0	2034.7	800.0	3.7	-0.6	13.3	4.5	-1.0	-4.4	295.1	307.7	4.6	73.7	1.7	198.
5.0	28.6	2292.3	775.0	2.2	-2.3	130.9	3.1	-2.3	2.0	296.2	307.9	4.2	72.1	1.8	198.
6.0	31.2	2557.3	750.0	2.1	2.1	196.2	8.5	2.4	8.2	296.5	315.3	6.0	101.4	1.4	201.
6.8	33.8	2831.7	725.0	1.9	1.9	221.4	5.2	6.1	6.9	301.6	318.5	6.1	101.4	0.9	198.
7.9	36.4	3115.1	700.0	1.2	0.8	247.7	8.1	7.5	3.1	303.8	320.2	5.8	57.2	0.6	165.
8.8	39.1	3407.8	675.0	0.2	-0.4	264.9	8.0	7.9	0.7	305.9	321.7	5.5	95.5	0.8	130.
9.8	41.9	3709.6	650.0	-2.1	-2.3	284.0	9.1	8.8	-2.2	306.6	320.9	5.0	98.5	1.2	117.
11.0	44.7	4020.7	625.0	-4.2	-4.6	299.4	10.3	9.0	-5.1	307.6	320.4	4.4	97.3	1.9	115.
12.4	47.4	4342.2	600.0	-5.3	-12.6	312.9	11.3	8.3	-7.7	310.0	317.4	2.4	56.5	2.8	120.
13.8	50.4	4675.2	575.0	-7.6	-14.2	310.2	12.6	9.6	-8.1	311.1	318.0	2.2	58.9	3.7	123.
14.9	53.4	5020.2	550.0	-8.9	-19.7	299.8	12.3	10.7	-6.1	313.6	318.3	1.5	41.4	4.7	124.
16.3	56.5	5379.0	525.0	-11.5	-16.1	292.3	12.1	11.2	-4.6	314.6	321.1	2.1	68.9	5.6	122.
17.6	59.7	5751.3	500.0	-14.3	-24.2	287.5	13.5	12.8	-4.1	315.7	319.2	1.1	42.6	6.6	120.
18.9	62.9	6139.3	475.0	-16.2	-31.9	285.3	15.3	14.7	-4.0	317.9	319.8	0.6	24.4	7.7	118.
20.3	66.1	6543.5	450.0	-19.6	-32.9	283.8	14.2	13.8	-3.4	318.6	320.5	0.5	29.5	8.9	116.
21.8	69.6	6965.5	425.0	-22.8	-34.4	275.6	15.7	15.6	-1.5	319.7	321.4	0.5	33.8	10.2	114.
23.5	73.1	7407.1	400.0	-26.1	-37.5	278.3	18.2	18.1	-2.6	321.1	322.4	0.4	33.1	11.8	112.
25.2	76.8	7871.9	375.0	-28.7	-45.8	280.1	19.7	19.4	-3.4	323.6	324.2	0.2	17.4	13.7	110.
26.9	80.6	8361.8	350.0	-32.8	-48.9	273.3	22.0	22.0	-1.3	324.5	324.9	0.1	18.2	15.8	108.
28.6	84.5	8878.3	325.0	-37.5	-46.7	266.3	23.5	23.4	1.5	325.8	325.7	0.2	37.1	18.0	106.
30.4	88.7	9428.6	300.0	-41.1	99.9	263.2	25.4	26.2	3.6	327.4	329.9	99.9	99.9	20.6	103.
32.3	93.0	10011.1	275.0	-46.4	99.9	253.0	28.6	25.7	6.9	328.0	329.9	99.9	99.9	23.3	100.
34.5	97.7	10636.3	250.0	-52.2	99.9	254.2	27.6	26.9	7.6	328.5	329.9	99.9	99.9	26.5	97.
36.9	102.6	11314.3	225.0	-54.5	99.9	254.2	28.9	28.8	8.2	335.1	335.1	99.9	99.9	30.5	94.
39.4	109.0	12042.1	200.0	-57.5	99.9	260.1	28.4	27.9	4.9	341.6	341.6	99.9	99.9	35.0	91.
42.4	113.7	12903.3	175.0	-59.4	99.9	264.8	28.2	26.1	2.4	351.8	351.8	99.9	99.9	39.7	90.
45.6	120.0	13868.0	150.0	-56.7	99.9	268.8	19.6	19.6	0.4	369.8	369.8	99.9	99.9	44.0	90.
49.2	127.0	15018.2	125.0	-58.8	99.9	261.1	17.7	17.5	2.7	388.5	388.5	99.9	99.9	47.7	90.
53.8	135.3	16417.1	100.0	-58.4	99.9	267.9	18.0	18.0	0.7	414.9	414.9	99.9	99.9	52.7	89.
59.2	144.7	18223.9	75.0	-57.3	99.9	257.7	11.4	11.1	2.4	452.5	452.5	99.9	99.9	57.1	89.
66.9	155.3	20812.0	50.0	-54.5	99.9	249.7	5.6	4.9	2.7	515.2	515.2	99.9	99.9	61.1	88.
78.7	166.3	25319.7	25.0	-45.4	99.9	252.6	14.8	14.1	4.4	643.1	643.1	99.9	99.9	63.4	87.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
 NORTH PLATTE, NEBRASKA

 20 MAY 1979
 2305 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE NM	AZ DG
0.0	14.0	847.0	922.8	15.6	2.7	360.0	4.1	0.0	-4.1	295.8	309.4	5.1	42.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	16.3	1056.9	900.0	10.7	2.3	99.9	99.9	99.9	99.9	292.6	306.2	5.0	55.8	999.9	999.9
1.4	18.8	1290.9	875.0	8.7	1.3	999.9	99.9	99.9	99.9	292.6	305.9	4.8	59.9	999.9	999.9
2.3	21.4	1531.2	850.0	9.1	1.3	999.9	99.9	99.9	99.9	295.7	310.1	5.2	61.1	999.9	999.9
3.1	24.0	1778.0	825.0	7.7	-0.3	999.9	99.9	99.9	99.9	296.7	309.3	4.5	56.8	999.9	999.9
3.9	26.6	2031.0	800.0	5.6	-1.0	999.9	99.9	99.9	99.9	297.1	309.5	4.5	62.7	999.9	999.9
4.8	29.2	2289.9	775.0	3.8	-0.8	999.9	99.9	99.9	99.9	297.9	311.1	4.8	73.5	999.9	999.9
5.7	32.0	2556.3	750.0	3.6	-1.7	999.9	99.9	99.9	99.9	300.2	313.2	4.5	88.4	1.0	163.
6.6	34.7	2832.1	725.0	3.1	1.6	240.0	8.3	7.2	4.2	302.8	319.5	5.9	89.8	1.0	138.
7.6	37.4	3116.2	700.0	1.4	0.7	248.7	6.0	7.5	2.9	304.1	320.3	5.8	94.9	1.2	114.
8.5	40.3	3409.1	675.0	0.2	-0.4	262.8	6.7	6.7	0.8	305.9	321.6	5.5	95.4	1.5	105.
9.4	43.1	3711.0	650.0	-2.0	-2.6	286.1	6.0	5.7	-1.7	306.8	320.8	4.9	95.4	1.9	103.
10.4	46.1	4022.1	625.0	-4.3	-4.9	302.6	6.5	5.5	-3.5	307.5	319.9	4.3	95.9	2.2	105.
11.4	49.1	4345.1	600.0	-5.8	-11.3	308.2	7.9	6.2	-4.9	309.4	317.5	2.7	65.2	2.6	108.
12.6	52.3	4676.3	575.0	-6.9	-19.3	295.0	10.0	8.7	-4.9	311.9	316.6	1.5	37.8	3.2	112.
13.8	55.4	5022.4	550.0	-8.6	-16.6	289.7	10.4	9.8	-3.5	313.9	319.8	1.9	52.4	4.0	112.
14.9	58.5	5381.8	525.0	-10.7	-31.0	278.1	10.3	9.9	-2.8	315.5	317.4	0.6	17.3	4.7	111.
16.1	61.9	5754.7	500.0	-13.8	-31.1	278.1	10.7	10.6	-1.5	316.3	318.2	0.6	21.4	5.4	110.
17.4	65.1	6142.6	475.0	-16.5	-33.2	270.6	11.8	11.8	-0.1	317.5	319.2	0.5	21.9	6.2	108.
18.6	68.6	6546.7	450.0	-19.6	-30.6	276.4	14.1	14.0	-1.6	318.6	320.8	0.7	36.9	7.1	106.
20.1	72.1	6968.6	425.0	-22.7	-32.1	283.5	16.7	16.2	-3.9	319.9	322.0	0.6	41.4	8.5	105.
21.5	75.9	7410.5	400.0	-25.6	-38.5	283.3	18.6	18.1	-4.3	321.7	322.9	0.3	28.5	10.0	105.
23.1	79.7	7875.4	375.0	-28.9	-39.8	279.6	21.5	21.2	-3.6	323.4	324.5	0.3	33.9	11.9	104.
24.6	83.7	8364.9	350.0	-32.9	-45.7	279.4	23.0	22.7	-3.8	324.3	325.0	0.2	26.3	13.9	103.
26.1	87.7	8881.8	325.0	-37.1	-51.4	276.8	23.7	23.5	-2.8	325.4	326.0	0.1	20.6	16.0	103.
27.8	92.0	9428.9	300.0	-41.9	-59.9	265.9	24.6	24.6	1.8	326.3	329.9	99.9	99.9	18.4	102.
29.5	96.7	10012.8	275.0	-46.5	-69.9	255.6	26.2	27.3	7.0	327.9	329.9	99.9	99.9	20.9	99.
31.3	101.4	10639.9	250.0	-50.6	-79.9	255.2	29.7	28.8	7.1	330.9	329.9	99.9	99.9	23.9	95.
33.4	106.5	11320.5	225.0	-54.0	-99.9	263.1	29.5	28.3	2.9	335.7	329.9	99.9	99.9	27.5	94.
35.7	112.0	12070.5	200.0	-56.8	-99.9	263.1	27.3	27.1	3.3	342.9	329.9	99.9	99.9	31.2	93.
38.4	117.7	12912.1	175.0	-59.0	-99.9	260.6	24.1	24.1	1.4	352.6	329.9	99.9	99.9	35.4	91.
41.3	124.2	13877.8	150.0	-58.9	-99.9	261.2	20.8	20.5	3.2	368.6	329.9	99.9	99.9	39.3	91.
44.7	131.3	15036.7	125.0	-57.0	-99.9	262.7	20.9	20.7	2.7	391.6	329.9	99.9	99.9	43.6	90.
48.7	139.0	16431.7	100.0	-60.8	-99.9	262.9	16.1	16.0	2.0	410.2	329.9	99.9	99.9	47.8	89.
53.9	147.5	18241.0	75.0	-57.9	-99.9	268.6	12.2	12.2	0.3	451.6	329.9	99.9	99.9	52.4	89.
60.8	156.3	20820.3	50.0	-54.5	-99.9	297.3	5.8	5.2	-2.7	515.1	329.9	99.9	99.9	55.9	89.
72.1	165.3	25329.5	25.0	-48.5	-99.9	999.9	99.9	99.9	99.9	645.6	329.9	99.9	99.9	57.6	90.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
 NORTH PLATTE, NEBRASKA

 21 MAY 1979
 205 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP N/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.2	847.0	522.1	13.9	0.5	360.0	0.0	0.0	0.0	293.6	305.7	4.3	40.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	16.3	1051.0	900.0	12.2	-0.1	999.9	99.9	99.9	99.9	294.1	305.7	4.2	42.7	999.9	999.9
1.5	18.7	1286.3	875.0	10.5	-1.9	999.9	99.9	99.9	99.9	294.7	305.3	3.8	42.0	999.9	999.9
2.4	21.2	1526.7	850.0	8.9	-6.3	999.9	99.9	99.9	99.9	295.5	303.5	2.8	33.7	999.9	999.9
3.1	23.8	1773.2	825.0	7.3	-0.9	999.9	99.9	99.9	99.9	296.3	308.4	4.4	56.0	999.9	999.9
4.0	26.3	2026.4	800.0	6.7	-1.4	999.9	99.9	99.9	99.9	298.2	310.5	4.4	56.8	999.9	999.9
4.9	28.9	2286.5	775.0	4.7	0.8	999.9	99.9	99.9	99.9	298.9	313.4	5.2	75.7	999.9	999.9
5.7	31.6	2553.8	750.0	4.0	2.0	999.9	99.9	99.9	99.9	300.5	317.4	5.9	86.9	999.9	999.9
6.7	34.2	2829.8	725.0	3.8	1.0	999.9	99.9	99.9	99.9	303.6	319.6	5.7	82.2	999.9	999.9
7.6	36.9	3115.1	700.0	3.0	-0.9	999.9	99.9	99.9	99.9	305.8	320.5	5.1	75.3	999.9	999.9
8.6	39.6	3468.9	675.0	0.5	-2.3	999.9	99.9	99.9	99.9	306.2	320.0	4.8	81.6	0.8	151.
9.6	42.4	3710.9	650.0	-1.8	-3.6	281.5	3.7	3.6	-0.7	306.9	320.0	4.5	88.1	1.0	142.
10.6	45.4	4022.2	625.0	-2.3	-7.9	280.5	5.0	4.9	-0.9	308.7	318.7	3.4	71.1	1.2	134.
11.7	48.3	4345.2	600.0	-4.5	-12.2	273.4	6.9	6.9	-0.4	311.0	318.6	2.5	55.1	1.5	125.
12.8	51.3	4678.8	575.0	-7.3	-11.7	270.8	8.9	8.9	-0.1	311.5	320.1	2.8	74.1	1.9	117.
13.9	54.4	5025.0	550.0	-8.2	-22.9	274.6	10.5	10.4	-0.8	314.4	317.9	1.1	25.2	2.6	111.
15.2	57.5	5384.3	525.0	-11.0	-24.7	278.4	11.3	11.2	-1.7	315.2	318.5	1.0	31.2	3.4	107.
16.5	60.6	5757.2	500.0	-13.8	-28.0	281.5	12.9	12.7	-2.6	316.2	318.8	0.8	28.7	4.4	106.
17.9	63.9	6144.7	475.0	-17.0	-28.0	281.0	14.5	14.2	-2.7	317.0	319.7	0.8	37.7	5.5	105.
19.3	67.4	6548.1	450.0	-20.4	-27.8	283.4	15.5	15.1	-3.6	317.6	320.4	0.9	51.6	6.7	104.
20.5	70.9	6968.3	425.0	-23.9	-30.7	283.0	16.6	16.1	-3.9	318.4	321.5	0.9	70.7	8.0	104.
22.0	74.3	7408.2	400.0	-26.9	-30.7	283.0	17.1	16.7	-3.8	320.1	322.6	0.7	70.0	9.4	104.
23.7	73.0	7871.9	375.0	-29.6	-37.9	279.2	17.5	17.3	-2.8	322.2	323.8	0.4	43.9	11.1	104.
25.3	81.9	8360.4	350.0	-33.3	-44.1	281.2	19.0	18.7	-3.7	323.5	324.7	0.2	32.5	12.9	103.
26.9	95.8	8875.7	325.0	-38.2	-47.0	275.5	21.2	21.1	-2.0	324.0	324.6	0.2	38.4	14.8	103.
28.9	90.0	9421.2	300.0	-42.8	99.9	266.1	23.3	23.2	1.6	325.0	329.9	99.9	999.9	17.3	101.
30.7	94.4	10033.9	275.0	-46.6	99.9	268.1	23.6	23.6	0.8	327.5	329.9	99.9	999.9	19.9	99.
32.8	99.0	10631.9	250.0	-50.2	99.9	265.8	23.0	23.0	1.7	331.5	329.9	99.9	999.9	22.8	97.
35.2	104.0	11313.0	225.0	-54.3	99.9	268.1	22.8	22.8	0.7	335.4	329.9	99.9	999.9	26.0	96.
37.7	109.2	12043.3	200.0	-58.1	99.9	268.7	23.9	23.9	0.5	340.7	329.9	99.9	999.9	29.5	95.
40.3	114.7	12900.5	175.0	-60.8	99.9	264.8	22.2	22.1	2.0	349.5	329.9	99.9	999.9	33.1	94.
43.4	121.0	13856.8	150.0	-61.5	99.9	261.2	20.8	20.2	3.1	364.1	329.9	99.9	999.9	36.9	93.
46.9	127.7	14993.9	125.0	-58.9	99.9	276.7	20.4	20.3	-2.4	368.3	329.9	99.9	999.9	41.2	93.
51.2	135.3	16336.1	100.0	-61.2	99.9	273.5	16.0	16.0	-1.0	409.6	329.9	99.9	999.9	45.7	93.
56.8	144.0	18190.1	75.0	-57.9	99.9	284.7	10.7	10.3	-2.7	451.4	329.9	99.9	999.9	50.6	93.
64.1	154.0	20770.9	50.0	-54.3	97.9	288.1	3.5	3.2	1.3	515.4	329.9	99.9	999.9	52.9	94.
75.9	164.7	25235.8	25.0	-50.2	99.9	260.8	3.6	3.6	0.6	640.6	329.9	99.9	999.9	53.8	93.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 562
 NORTH PLATTE, NEBRASKA

 21 MAY 1979
 505 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	13.8	847.0	922.8	8.9	3.7	140.0	1.5	-1.0	1.1	288.6	303.0	5.4	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	16.0	1036.0	930.0	11.7	0.2	999.9	99.9	99.9	99.9	294.6	305.5	4.3	45.2	999.9	999.9
1.5	13.5	1271.3	375.0	10.6	-0.4	999.9	99.9	99.9	99.9	294.6	306.5	4.2	46.3	999.9	999.9
2.5	20.9	1532.2	850.0	7.0	-1.4	121.9	6.5	-5.5	3.4	295.6	306.9	4.1	47.9	0.4	317.
3.3	21.4	1778.7	325.0	7.0	-2.3	103.7	6.5	-6.3	1.5	296.1	307.0	3.9	51.5	0.7	308.
4.2	23.9	2030.7	300.0	5.3	-5.1	107.3	5.2	-5.0	1.6	296.8	306.0	3.3	47.1	1.0	299.
5.0	28.4	2289.8	775.0	3.9	-2.3	143.0	2.8	-1.7	2.2	298.0	309.8	4.2	82.6	1.3	298.
6.0	31.1	2556.0	750.0	2.8	0.1	263.9	2.0	2.0	0.2	299.6	313.9	5.2	82.6	1.3	298.
7.1	33.7	2831.0	725.0	2.3	2.1	232.5	4.4	3.5	2.7	302.0	319.2	6.2	98.7	1.2	307.
8.0	36.3	3114.1	700.0	0.5	-0.2	223.7	4.9	3.4	3.5	303.0	318.3	5.4	55.1	1.1	321.
9.1	39.0	3406.2	675.0	0.1	-4.0	218.5	4.6	2.8	3.6	305.8	318.0	4.2	73.5	1.3	334.
10.1	41.8	3707.9	650.0	-2.0	-3.4	228.4	5.3	3.9	3.4	306.7	320.0	4.6	70.2	1.4	345.
11.2	44.5	4019.0	625.0	-4.0	-7.1	239.3	6.7	5.8	3.4	307.9	318.5	3.6	78.8	1.6	359.
12.4	47.4	4340.4	600.0	-6.0	-6.8	252.7	8.2	8.7	2.7	309.2	320.6	3.8	93.8	1.9	14.
13.5	50.4	4673.5	575.0	-8.3	-20.0	272.2	10.3	10.3	-0.4	312.6	318.5	1.9	47.0	2.2	32.
14.7	53.3	5020.2	550.0	-8.4	-32.0	293.6	10.8	10.5	-2.6	314.1	315.7	0.5	12.9	2.6	47.
16.0	56.4	5379.1	525.0	-11.3	-33.5	290.6	11.7	10.9	-4.1	314.5	316.4	0.4	13.8	3.1	62.
17.3	59.5	5751.2	500.0	-14.3	-35.8	292.7	12.0	11.1	-4.6	315.6	316.8	0.4	14.1	3.8	72.
18.6	62.7	6137.6	475.0	-17.5	-38.7	292.1	13.0	12.0	-4.9	316.3	318.8	0.7	36.7	4.5	80.
19.9	66.0	6580.1	450.0	-20.4	-42.7	289.0	14.8	14.0	-4.8	317.6	320.2	0.8	47.1	5.5	86.
21.3	69.4	6992.1	425.0	-22.5	-42.7	288.7	15.3	14.5	-4.9	320.1	320.9	0.2	14.3	6.7	90.
22.7	72.9	7404.2	400.0	-25.7	-52.1	284.6	15.2	14.8	-3.9	321.6	321.8	0.1	6.4	8.0	93.
24.4	76.4	7868.8	375.0	-29.0	-55.9	284.1	17.2	16.7	-4.2	323.2	323.4	0.0	5.4	9.6	95.
26.3	80.2	8357.5	350.0	-33.5	-58.7	276.6	18.7	18.6	-2.2	323.6	323.8	0.0	5.9	11.6	96.
29.0	84.2	8872.7	325.0	-38.3	-57.3	274.7	18.7	18.6	-1.5	323.6	324.0	0.0	11.5	13.5	96.
30.0	88.2	9419.2	300.0	-41.2	-59.9	273.6	21.1	21.1	-1.3	327.2	324.0	99.9	999.9	15.8	96.
32.1	92.4	10084.3	275.0	-46.1	59.9	267.3	20.7	20.7	1.0	328.5	324.0	99.9	999.9	18.5	95.
34.5	97.0	10632.1	250.0	-50.4	99.9	266.6	21.2	21.2	1.2	331.1	324.0	99.9	999.9	21.4	94.
36.9	101.6	11312.3	225.0	-54.9	99.9	263.8	21.9	21.8	2.4	334.4	324.0	99.9	999.9	24.5	93.
39.6	106.7	12057.9	200.0	-56.7	99.9	263.3	23.1	23.1	2.7	339.5	324.0	99.9	999.9	28.2	92.
42.5	112.2	12896.4	175.0	-60.6	99.9	262.8	23.5	22.5	7.0	349.5	324.0	99.9	999.9	32.1	90.
45.9	119.2	13823.0	150.0	-60.2	99.9	270.6	19.9	19.9	-0.2	366.4	324.0	99.9	999.9	36.4	89.
49.7	125.0	14981.4	125.0	-59.6	99.9	277.9	18.5	18.4	-2.6	387.1	324.0	99.9	999.9	40.8	90.
54.1	132.3	16369.0	100.0	-62.6	99.9	283.4	16.1	15.6	-3.7	406.7	324.0	99.9	999.9	45.0	90.
60.1	140.7	18157.8	75.0	-56.6	99.9	287.5	9.3	9.3	0.4	454.2	324.0	99.9	999.9	49.7	92.
69.2	150.5	20745.8	50.0	-56.3	99.9	299.0	5.0	4.3	2.6	510.8	324.0	99.9	999.9	51.4	90.
83.9	161.5	25215.4	25.0	-50.7	99.9	298.9	2.8	2.5	-1.4	639.2	324.0	99.9	999.9	52.7	90.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA

21 MAY 1979
805 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.1	847.0	922.1	5.6	1.5	160.0	1.5	-0.5	1.4	285.2	297.5	4.6	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	10.3	1048.2	900.0	10.7	0.7	184.3	7.0	0.5	7.0	292.2	304.7	4.5	50.0	0.1	34.0
1.4	18.7	1282.7	875.0	9.9	-0.6	166.1	6.5	-1.6	6.3	294.1	305.6	4.2	47.8	0.4	35.2
2.3	21.1	1523.0	850.0	8.3	-1.2	160.2	7.1	-2.4	6.7	294.9	306.3	4.1	50.9	0.8	34.6
3.1	23.6	1769.1	825.0	6.5	-1.0	168.0	7.1	-1.5	6.9	295.5	307.5	4.3	59.1	1.1	34.5
3.9	25.1	2020.9	800.0	4.8	-1.0	186.0	5.6	0.6	5.6	296.3	308.6	4.5	66.0	1.4	34.7
4.7	28.6	2279.4	775.0	3.1	0.5	196.6	5.9	1.7	5.7	297.2	311.3	5.1	82.9	1.7	35.2
5.6	31.2	2545.2	750.0	2.6	-1.0	220.7	6.2	4.0	4.7	299.4	312.7	4.8	77.6	2.0	35.6
6.5	33.8	2819.5	725.0	1.5	-0.1	229.8	6.4	4.9	4.2	301.2	315.9	5.2	89.9	2.2	35.9
7.5	36.5	3102.3	700.0	0.3	-0.6	211.8	7.3	3.8	6.2	302.8	317.6	5.2	93.4	2.5	36.0
8.5	39.2	3394.7	675.0	0.6	-3.6	202.2	7.1	2.7	6.6	306.4	318.9	4.3	73.1	2.9	36.1
9.5	42.0	3696.7	650.0	-1.5	-6.0	211.6	7.0	3.6	5.9	307.3	318.3	3.6	71.1	3.4	36.2
10.6	44.9	4008.9	625.0	-2.8	-7.0	241.5	7.8	6.8	3.7	309.2	320.0	3.6	72.9	3.7	37.0
11.5	47.7	4331.8	600.0	-4.8	-7.8	259.2	8.8	8.7	1.7	310.6	321.2	3.5	79.1	4.0	37.1
12.7	50.7	4665.1	575.0	-7.8	-8.4	270.9	8.3	8.3	-0.1	310.9	321.4	3.5	95.6	4.3	37.2
13.8	53.7	5009.0	550.0	-9.6	-27.8	280.4	8.2	8.1	-1.5	312.7	315.1	0.7	21.1	4.6	37.3
15.0	56.8	5367.2	525.0	-11.9	-27.1	287.5	8.1	7.7	-2.4	314.1	316.7	0.8	26.9	4.8	37.4
16.1	59.9	5738.6	500.0	-15.0	-26.3	290.7	8.6	8.1	-3.0	314.6	317.7	0.9	37.1	5.1	37.5
17.4	63.1	6124.7	475.0	-17.7	-25.8	290.1	10.2	10.1	-3.7	316.1	319.3	1.0	49.2	5.4	37.6
18.7	66.4	6527.4	450.0	-20.3	-29.8	287.0	13.0	12.4	-3.8	317.7	320.1	0.7	42.4	6.0	37.7
20.0	69.9	6948.1	425.0	-23.4	-33.8	287.6	15.0	14.3	-4.5	319.0	320.8	0.5	37.7	6.9	37.8
21.4	73.4	7389.4	400.0	-26.4	-41.4	284.3	16.1	15.6	-4.0	320.7	321.6	0.2	22.6	7.9	37.9
22.9	77.0	7852.7	375.0	-30.0	-39.5	278.5	16.8	16.6	-2.5	321.9	323.0	0.3	39.8	9.3	38.0
24.5	80.9	8339.4	350.0	-34.3	-41.2	270.8	18.5	18.5	-0.2	322.5	323.5	0.3	49.1	10.9	38.1
26.2	84.8	8854.6	325.0	-37.4	-50.6	268.0	21.1	21.1	1.5	325.2	325.6	0.1	23.5	12.9	38.2
28.0	89.0	9403.0	300.0	-41.6	-59.9	270.3	21.3	21.3	-0.3	326.8	326.8	99.9	99.9	15.2	38.3
29.9	93.4	9987.8	275.0	-45.9	-59.9	270.3	21.9	21.9	-0.1	328.2	328.2	99.9	99.9	17.7	38.4
32.2	98.0	10617.0	250.0	-45.3	-59.9	265.3	20.1	20.0	1.6	332.2	332.2	99.9	99.9	20.5	38.5
34.5	103.0	11299.9	225.0	-54.4	-59.9	257.6	22.7	22.1	4.9	335.1	335.1	99.9	99.9	23.4	38.6
37.2	108.3	12045.6	200.0	-58.4	-59.9	257.4	21.5	21.0	4.7	340.2	340.2	99.9	99.9	27.0	38.7
40.0	114.0	12878.7	175.0	-60.7	-59.9	260.1	20.1	19.8	3.5	349.7	349.7	99.9	99.9	30.6	38.8
43.1	120.3	13831.1	150.0	-63.1	-59.9	276.3	18.5	18.8	-2.1	361.2	361.2	99.9	99.9	34.1	38.9
47.1	127.5	14957.1	125.0	-60.7	-59.9	280.8	16.0	17.6	-3.4	385.1	385.1	99.9	99.9	38.3	39.0
51.7	135.3	16340.6	100.0	-61.9	-59.9	282.5	15.7	15.3	-3.4	408.1	408.1	99.9	99.9	42.7	39.1
57.2	143.0	18135.8	75.0	-60.2	-59.9	267.7	8.5	8.8	0.4	446.7	446.7	99.9	99.9	46.7	39.2
65.6	154.0	20598.9	50.0	-56.6	-59.9	276.9	4.4	4.3	-0.5	510.2	510.2	99.9	99.9	49.7	39.3
78.6	163.5	25162.6	25.0	-52.7	-59.9	243.4	4.0	3.6	1.8	633.4	633.4	99.9	99.9	51.1	39.4

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA

21 MAY 1979
1105 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	647.0	520.8	5.6	2.1	170.0	2.6	-0.5	2.6	285.4	298.1	4.8	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	16.0	1035.7	900.0	10.4	2.6	999.9	99.9	99.9	99.9	292.2	306.1	5.1	58.5	999.9	999.9
1.5	13.4	1270.3	975.0	9.8	0.7	999.9	99.9	99.9	99.9	293.5	306.6	4.6	53.2	999.9	999.9
2.2	20.8	1510.6	850.0	8.7	-0.9	999.9	99.9	99.9	99.9	295.3	307.0	4.2	50.6	999.9	999.9
3.1	23.3	1757.1	825.0	7.5	-0.0	999.9	99.9	99.9	99.9	296.6	309.4	4.6	58.7	999.9	999.9
3.7	25.3	2010.3	800.0	6.4	1.0	999.9	99.9	99.9	99.9	298.0	312.3	5.2	68.2	999.9	999.9
4.8	28.3	2270.7	775.0	5.4	1.7	999.9	99.9	99.9	99.9	299.6	315.2	5.6	77.4	2.0	356.
5.5	30.8	2538.5	750.0	4.2	2.8	232.0	8.6	6.7	5.3	301.1	318.6	6.3	90.8	2.2	4.
6.5	33.4	2814.4	725.0	2.8	1.8	216.7	11.0	6.6	8.8	302.5	319.6	6.0	93.2	2.6	12.
7.4	35.1	3093.2	700.0	1.1	0.3	216.5	12.2	7.2	9.8	303.8	319.6	5.6	87.7	4.0	21.
8.5	38.8	3390.8	675.0	0.2	-1.6	226.2	12.4	8.9	8.6	305.5	320.5	5.1	89.1	5.8	38.
9.5	41.4	3692.7	650.0	-2.3	-3.3	234.7	11.7	9.5	6.7	306.4	319.8	4.6	93.0	4.6	25.
10.5	44.2	4004.0	625.0	-3.1	-6.9	247.8	9.6	8.9	3.6	308.9	319.7	3.6	75.0	5.2	29.
11.7	47.1	4326.0	600.0	-5.7	-9.8	270.7	6.9	6.9	-0.1	309.6	321.0	3.9	92.0	5.6	34.
12.8	50.0	4658.5	575.0	-8.4	-12.8	287.9	6.5	6.2	-0.7	310.2	319.6	3.2	89.1	5.8	38.
14.0	53.0	5001.7	550.0	-11.8	-12.8	287.9	6.5	6.2	-2.0	310.0	317.9	2.6	92.7	5.9	41.
15.1	56.0	5358.7	525.0	-12.4	-24.6	285.0	7.8	7.5	-2.0	313.5	316.7	1.0	35.1	6.2	45.
16.4	59.1	5730.1	500.0	-14.7	-26.0	283.7	9.1	8.9	-2.2	315.2	318.2	0.9	37.4	6.5	50.
17.7	62.3	6116.2	475.0	-18.0	-24.6	286.3	11.4	10.9	-3.2	315.7	319.3	1.1	56.0	7.0	55.
19.1	65.6	6518.6	450.0	-20.5	-30.8	287.8	12.6	12.0	-3.9	317.5	319.7	0.6	39.0	7.7	61.
20.5	69.0	6939.3	425.0	-22.7	-37.6	289.2	14.6	13.8	-4.8	320.0	321.2	0.3	23.9	8.5	67.
22.1	72.6	7381.2	400.0	-26.1	-38.4	279.6	18.5	18.2	-3.1	321.1	322.3	0.3	30.2	9.8	73.
23.6	76.3	7845.3	375.0	-29.1	-51.8	276.2	20.5	20.3	-2.2	323.1	323.4	0.1	9.1	11.4	78.
25.3	80.3	8334.6	350.0	-32.6	-58.7	280.2	22.2	21.8	-3.9	324.8	325.0	0.0	5.3	13.5	79.
27.3	84.0	8855.0	325.0	-35.4	-56.9	290.9	22.0	20.6	-7.9	328.0	328.2	0.1	8.8	15.9	84.
29.5	88.2	9406.1	300.0	-40.8	99.9	290.4	22.2	20.8	-7.7	327.5	329.9	99.9	999.9	18.5	88.
31.6	92.5	9992.3	275.0	-45.6	99.9	287.7	21.1	20.1	-6.4	329.2	329.9	99.9	999.9	21.2	91.
34.0	97.2	10621.8	250.0	-49.5	99.9	282.9	20.1	19.6	-4.5	332.6	333.0	99.9	999.9	24.0	93.
36.3	102.0	11304.5	225.0	-54.1	99.9	269.7	19.2	19.2	0.1	335.7	335.9	99.9	999.9	26.6	93.
38.6	107.3	12050.8	200.0	-59.2	99.9	259.0	20.7	20.3	3.9	339.0	339.9	99.9	999.9	29.3	92.
41.7	113.2	12884.2	175.0	-61.2	99.9	272.2	20.0	20.0	-0.8	348.9	348.9	99.9	999.9	33.0	91.
45.0	119.3	13841.2	150.0	-61.6	99.9	277.8	18.2	18.1	-2.5	364.0	364.0	99.9	999.9	36.8	92.
49.0	126.3	14972.2	125.0	-59.2	99.9	287.7	18.3	17.5	-5.6	387.5	387.5	99.9	999.9	41.1	93.
54.1	134.3	16371.9	100.0	-58.8	99.9	283.4	12.4	12.0	-2.9	414.2	414.2	99.9	999.9	45.8	95.
60.3	143.5	18181.3	75.0	-60.6	99.9	269.9	8.5	8.5	0.0	445.5	445.5	99.9	999.9	49.0	95.
68.6	153.5	20756.2	50.0	-53.3	99.9	308.0	4.4	3.5	-2.7	517.6	517.6	99.9	999.9	52.4	95.
81.7	163.3	25233.8	25.0	-50.0	99.9	341.9	2.2	0.7	-2.1	641.2	641.2	99.9	999.9	53.7	95.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
 ADA, OKLAHMA

 20 MAY 1979
 1057 GMT

129 93. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	312.0	972.0	22.4	19.2	180.0	3.0	0.0	3.0	298.8	336.2	14.6	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	11.4	511.6	950.0	21.1	19.1	218.1	14.0	8.6	11.0	298.6	337.5	14.8	88.2	0.6	18.
1.6	13.8	743.4	925.0	21.5	19.3	236.0	19.2	15.9	10.8	301.3	342.4	15.5	87.6	1.4	35.
2.5	16.3	982.4	900.0	22.5	17.7	251.8	20.2	19.2	6.3	304.2	343.6	14.4	78.4	2.5	49.
3.4	18.7	1228.8	875.0	23.4	12.1	253.9	15.2	18.3	5.7	308.1	336.5	10.2	49.0	3.4	56.
4.3	21.2	1481.1	850.0	21.5	8.8	253.2	19.1	18.3	5.5	308.7	332.5	8.4	44.2	4.4	60.
5.2	23.7	1739.6	825.0	19.8	10.8	256.9	18.4	17.9	4.2	309.6	337.4	9.9	56.1	5.4	63.
6.1	26.3	2004.1	800.0	17.3	9.9	255.6	17.5	17.2	3.2	309.6	336.7	9.6	61.6	6.4	65.
7.1	28.8	2274.6	775.0	15.1	9.1	259.6	14.6	14.3	2.6	310.0	336.7	9.5	67.7	7.4	67.
8.2	31.4	2551.8	750.0	12.9	7.5	259.7	11.8	11.4	3.1	310.6	335.4	8.7	69.7	8.2	68.
9.1	34.1	2836.0	725.0	10.6	4.5	251.5	10.2	9.7	3.2	311.1	332.2	7.3	65.9	8.8	69.
10.2	36.8	3127.8	700.0	8.0	3.4	248.6	9.5	8.9	3.5	311.4	331.6	7.0	72.5	9.4	69.
11.4	39.6	3421.2	675.0	5.3	2.7	248.6	9.2	8.5	3.7	311.6	331.6	6.9	83.3	10.0	69.
12.5	42.3	3735.1	650.0	3.3	-0.4	243.1	10.6	9.5	4.8	312.7	329.5	5.7	77.0	10.7	68.
13.8	45.2	4052.5	625.0	1.5	-0.1	242.6	11.0	5.7	5.1	314.2	327.7	4.5	66.3	11.5	68.
15.0	48.1	4380.1	600.0	-1.4	-7.1	252.6	11.1	10.6	3.3	314.6	325.9	3.7	64.7	12.4	68.
16.2	51.0	4717.8	575.0	-3.9	-12.7	264.8	10.0	9.9	0.9	315.5	323.3	2.5	50.4	13.1	68.
17.3	54.1	5066.9	550.0	-6.3	-20.8	269.3	11.7	11.6	1.2	316.7	320.9	1.3	30.3	13.8	69.
18.5	57.1	5426.6	525.0	-9.7	-21.0	262.2	12.9	12.8	1.8	316.2	321.2	1.4	39.0	14.6	70.
19.5	60.4	5803.6	500.0	-12.1	-20.3	258.8	19.5	19.1	3.8	318.3	323.4	1.6	51.7	15.8	71.
21.0	63.6	6195.7	475.0	-13.0	-34.7	257.5	21.7	21.2	4.7	321.5	323.8	0.5	18.3	17.4	72.
22.5	67.0	6605.7	450.0	-15.5	-50.7	260.4	19.6	19.3	3.3	323.2	324.1	0.1	3.0	19.2	72.
24.1	70.4	7035.2	425.0	-17.7	-51.7	269.5	20.1	20.1	0.2	326.3	326.5	0.1	3.3	21.0	73.
25.8	74.0	7485.4	400.0	-21.4	-52.1	272.8	21.1	21.1	-1.0	327.1	327.4	0.1	4.3	23.0	75.
27.6	77.6	7960.0	375.0	-23.1	-38.7	271.6	23.7	23.7	-0.7	331.1	332.4	0.4	22.7	25.3	76.
29.6	81.5	8461.4	350.0	-27.3	-42.8	279.0	24.5	24.2	-3.8	331.9	332.8	0.2	21.1	28.1	79.
31.5	85.5	8989.9	325.0	-32.2	-47.5	276.8	28.9	28.7	-3.4	332.3	333.0	0.2	20.0	30.8	80.
33.4	89.6	9549.2	300.0	-36.9	-49.3	272.3	32.8	32.8	-1.3	333.4	334.0	0.1	25.8	34.2	82.
35.8	94.0	10146.1	275.0	-40.8	99.9	272.9	34.5	34.4	-1.8	336.1	999.9	99.9	999.9	39.1	83.
38.4	98.6	10787.4	250.0	-46.3	99.9	280.1	30.4	30.0	-5.3	337.3	999.9	99.9	999.9	44.2	85.
41.0	103.6	11478.4	225.0	-52.2	99.9	283.5	31.2	30.3	-7.3	338.5	999.9	99.9	999.9	48.6	86.
43.6	109.8	12229.2	200.0	-58.8	99.9	282.8	29.8	29.1	-6.6	339.7	999.9	99.9	999.9	53.2	88.
46.5	114.5	13055.1	175.0	-65.2	99.9	277.2	32.8	32.5	-4.1	342.4	999.9	99.9	999.9	58.6	89.
49.9	120.7	13981.9	150.0	-69.9	99.9	268.1	39.4	39.4	1.3	349.6	999.9	99.9	999.9	65.4	89.
54.1	127.7	15077.9	125.0	-62.8	99.9	273.2	43.0	42.9	-2.4	381.3	999.9	99.9	999.9	77.1	89.
58.5	135.7	16449.8	100.0	-65.3	99.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
ADA, OKLAHMA20 MAY 1979
1400 GMT

131 91. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT T DG K	MX RYO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	312.0	973.6	24.4	19.2	200.0	3.0	1.0	2.8	299.2	338.5	14.6	73.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	11.6	527.1	950.0	22.1	20.4	222.7	3.4	2.3	2.5	299.6	342.2	16.2	90.4	0.4	12.
1.5	14.0	758.9	925.0	19.9	19.2	228.5	7.6	5.7	5.0	299.6	340.0	15.3	95.8	0.6	21.
2.4	16.4	995.9	900.0	18.9	18.3	250.9	13.4	12.7	4.4	301.0	340.6	14.9	96.2	1.1	40.
3.2	19.8	1238.9	875.0	18.8	17.4	274.1	15.2	15.1	-1.1	303.2	342.2	14.4	91.4	1.7	58.
4.1	21.2	1489.2	850.0	19.4	15.7	286.9	16.2	15.5	-4.7	306.5	343.1	13.4	79.4	2.4	71.
5.0	23.8	1746.6	825.0	18.7	12.2	286.7	14.6	13.9	-4.2	308.4	338.9	11.0	66.0	3.1	82.
5.9	26.3	2010.7	800.0	17.7	7.9	283.9	12.7	12.4	-3.1	310.1	333.9	8.4	52.4	3.8	86.
6.7	28.3	2282.0	775.0	16.1	6.3	284.3	12.3	12.0	-3.1	311.1	333.5	7.8	52.3	4.4	89.
7.7	31.4	2559.9	750.0	13.4	5.1	277.6	10.5	10.4	-1.4	311.1	332.3	7.4	52.0	5.0	90.
9.7	34.1	2844.4	725.0	10.8	6.2	268.2	9.7	9.7	0.3	311.3	334.9	8.3	73.6	5.7	91.
9.7	36.8	3136.4	700.0	7.9	5.9	252.3	8.1	7.8	2.5	311.2	335.1	8.4	87.1	6.2	90.
10.8	39.6	3436.0	675.0	5.5	4.5	236.6	8.1	6.7	4.4	311.2	334.3	7.9	93.2	6.6	88.
11.9	42.3	3744.2	650.0	3.2	2.0	232.5	8.7	6.9	5.3	312.6	332.4	6.8	91.6	7.1	85.
12.9	45.1	4061.2	625.0	0.7	-4.5	233.2	9.7	7.8	5.8	313.2	326.4	4.4	68.0	7.6	83.
14.1	48.0	4388.3	600.0	-0.6	-28.1	236.4	10.0	8.4	5.5	315.4	317.5	0.6	10.3	8.2	81.
15.4	51.0	4726.6	575.0	-3.3	-19.1	243.3	11.6	10.8	4.3	316.2	320.9	1.5	28.1	8.9	79.
16.6	54.0	5076.3	550.0	-6.3	-20.2	257.7	14.3	13.7	4.3	316.2	321.1	1.4	32.1	9.9	78.
17.8	57.1	5438.2	525.0	-8.7	-34.5	255.1	17.3	16.7	4.4	317.9	319.3	0.4	10.3	11.0	78.
19.1	60.3	5815.0	500.0	-10.5	-18.4	259.0	20.7	20.0	5.4	320.3	326.0	1.6	51.8	12.5	78.
20.6	63.5	6208.6	475.0	-12.3	-19.0	243.1	18.8	17.5	7.0	322.7	328.6	1.8	57.5	14.3	77.
22.1	66.9	6620.0	450.0	-14.5	-56.1	254.4	15.7	15.1	4.2	325.0	325.3	0.1	2.9	15.8	76.
23.6	70.3	7050.7	425.0	-17.5	-61.0	270.3	14.4	14.4	-0.1	326.6	326.7	0.0	1.0	17.2	77.
25.1	73.9	7501.7	400.0	-20.7	-63.1	258.2	14.1	13.8	2.9	328.0	328.1	0.0	1.0	18.4	77.
26.6	77.6	7976.0	375.0	-24.2	-35.5	260.7	15.3	15.1	2.5	329.6	331.4	0.5	34.5	19.7	77.
28.2	81.4	8475.6	350.0	-27.9	-39.0	275.5	21.3	21.2	-2.0	332.6	332.6	0.4	33.5	21.4	78.
30.1	85.3	9003.3	325.0	-32.3	-49.4	275.6	30.3	30.1	-3.0	332.2	332.7	0.1	16.3	24.1	81.
32.2	89.5	9564.0	300.0	-35.6	-54.6	264.8	38.4	38.2	3.5	335.3	335.6	0.1	12.1	25.4	82.
34.4	93.8	10163.4	275.0	-40.2	-99.9	259.5	41.8	41.1	7.6	337.0	999.9	99.9	999.9	33.8	82.
36.7	98.6	10808.3	250.0	-45.5	99.9	259.7	40.6	40.0	7.3	338.5	999.9	99.9	999.9	35.5	81.
39.2	103.4	11501.7	225.0	-50.1	99.9	263.9	37.6	37.4	4.0	341.8	999.9	99.9	999.9	45.4	81.
42.1	108.8	12260.0	200.0	-56.6	99.9	269.9	36.8	36.8	0.1	343.2	999.9	99.9	999.9	51.6	82.
44.9	114.6	13096.8	175.0	-62.1	99.9	264.7	29.7	29.5	2.7	347.4	999.9	99.9	999.9	57.4	83.
48.2	121.0	14035.2	150.0	-67.9	99.9	260.3	30.4	29.9	5.1	353.2	999.9	99.9	999.9	62.6	83.
52.0	129.0	15136.5	125.0	-64.8	99.9	274.7	37.0	36.9	-3.0	377.7	999.9	99.9	999.9	71.2	83.
56.1	135.7	16510.3	100.0	-63.3	99.9	246.6	21.0	19.3	8.3	405.4	999.9	99.9	999.9	78.3	84.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION N11. 20
ADA, OKLAHOMA20 MAY 1979
1707 GMT

127 98. 0

TIME MIN	CNCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.0	312.0	974.3	25.3	20.8	150.0	5.0	-2.5	4.3	300.7	343.2	16.1	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	11.3	534.0	950.0	22.5	21.0	260.6	1.6	1.6	0.3	300.0	343.0	16.7	91.2	0.4	320.
2.0	13.6	766.4	925.0	20.7	19.7	213.6	4.1	2.2	3.4	300.5	342.4	15.9	94.3	0.5	337.
2.9	16.0	1003.8	900.0	19.4	18.5	230.6	5.8	4.5	3.7	301.5	341.8	15.1	94.5	0.7	0.
3.7	18.4	1246.8	875.0	18.1	17.3	255.4	5.0	4.9	1.3	302.6	341.1	14.4	94.7	0.9	15.
4.6	20.8	1455.4	850.0	16.6	15.7	272.6	5.2	5.2	-0.2	303.2	339.6	13.4	94.8	1.0	32.
5.7	23.3	1750.0	825.0	15.3	14.6	271.5	4.8	4.8	-0.1	304.8	339.6	12.8	95.3	1.2	46.
6.7	25.8	2011.2	800.0	16.7	3.7	282.0	6.7	6.6	-1.4	309.0	327.3	6.4	44.4	1.4	57.
7.7	28.3	2281.7	775.0	15.9	1.8	273.5	8.5	8.5	-0.5	310.9	327.3	5.6	38.6	1.8	67.
8.7	30.9	2559.0	750.0	13.5	-0.7	261.5	7.6	7.6	1.1	311.2	325.5	4.9	37.6	2.2	73.
9.6	33.5	2843.5	725.0	11.3	0.3	253.6	7.7	7.4	2.2	311.9	327.7	5.4	46.4	2.6	73.
10.6	36.1	3135.6	700.0	8.7	1.9	245.5	8.3	7.5	3.4	312.2	330.5	6.3	62.1	3.1	72.
11.6	38.8	3435.8	675.0	6.6	-1.0	240.1	9.0	7.8	4.5	313.0	328.5	5.3	58.4	3.6	71.
12.6	41.6	3744.6	650.0	4.1	-2.4	238.5	9.5	8.1	5.0	313.6	328.3	5.0	62.7	4.2	69.
13.7	44.3	4062.5	625.0	1.8	-4.9	241.6	10.6	9.3	5.0	314.2	327.3	4.3	61.4	4.8	68.
15.0	47.3	4390.4	600.0	-0.5	-13.0	246.9	11.8	10.9	4.6	315.2	322.9	2.4	38.9	5.7	67.
16.4	50.1	4729.2	575.0	-3.0	-10.9	258.7	13.4	13.1	2.6	316.5	325.4	2.9	54.2	6.7	68.
17.8	53.1	5080.2	550.0	-5.2	-12.5	267.7	15.2	15.2	0.6	317.9	325.2	2.7	56.5	7.8	70.
19.0	56.1	5443.7	525.0	-8.0	-12.1	264.1	17.3	17.2	1.8	318.9	327.9	2.9	72.2	9.1	73.
20.5	59.4	5822.3	500.0	-9.8	-16.5	256.9	17.0	16.6	3.8	321.1	327.9	2.1	57.9	10.5	74.
21.8	62.6	6216.1	475.0	-12.9	-20.4	255.2	17.6	17.1	4.5	322.0	327.2	1.6	53.4	11.9	77.
23.2	65.9	6626.2	450.0	-15.8	-17.6	258.4	17.9	17.5	3.6	323.4	330.3	2.1	85.8	13.4	74.
24.7	69.3	7055.9	425.0	-18.1	-19.9	251.9	17.8	16.9	5.5	325.6	331.9	1.8	85.3	14.9	75.
26.2	72.7	7506.6	400.0	-21.4	-23.3	244.9	17.3	15.7	7.3	327.2	332.1	1.5	84.2	16.5	74.
28.2	76.4	7978.9	375.0	-25.7	-37.8	260.7	16.8	16.6	2.7	327.6	329.1	0.4	33.5	18.4	73.
30.3	80.2	8475.3	350.0	-32.2	-41.4	274.1	21.5	21.5	-1.5	329.5	330.5	0.3	29.1	20.7	75.
32.2	84.2	9001.1	325.0	-37.7	-45.4	264.7	28.6	28.5	2.7	331.6	332.4	0.2	26.6	23.4	77.
34.0	88.3	9561.7	300.0	-36.3	-49.8	259.4	31.3	30.8	5.7	334.2	334.7	0.1	23.1	26.8	78.
36.3	92.6	10159.3	275.0	-40.9	-59.9	256.4	34.3	33.4	8.0	336.0	999.9	99.9	999.9	31.1	78.
38.6	97.2	10801.1	250.0	-45.8	99.9	256.1	41.5	40.2	10.0	338.0	999.9	99.9	999.9	36.6	77.
41.2	102.0	11493.7	225.0	-51.5	99.9	257.2	42.5	41.5	9.4	339.6	999.9	99.9	999.9	43.2	77.
44.1	107.3	12247.6	200.0	-57.2	99.9	258.7	37.8	37.1	7.4	342.2	999.9	99.9	999.9	50.3	77.
47.4	113.0	13082.1	175.0	-62.3	99.9	258.4	40.0	39.1	8.1	347.1	999.9	99.9	999.9	58.2	78.
50.7	119.3	14024.1	150.0	-66.3	99.9	259.1	38.1	37.4	7.2	355.2	999.9	99.9	999.9	65.4	78.
54.5	126.3	15132.8	125.0	-63.4	99.9	269.0	38.0	38.0	0.7	380.3	999.9	99.9	999.9	74.6	78.
59.2	134.3	16504.2	100.0	-63.7	99.9	999.9	99.9	99.9	99.9	404.7	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
ADA, OKLAHOMA20 MAY 1979
2007 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.6	312.0	572.7	28.8	19.7	140.0	8.0	-5.1	6.1	304.4	345.0	15.1	58.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	10.6	521.3	550.0	25.0	20.2	117.3	5.8	-5.2	2.7	302.9	345.4	15.9	73.5	0.4	303.
1.4	12.8	755.7	925.0	23.0	19.8	118.5	5.3	-4.7	2.6	302.8	345.4	15.9	82.0	0.6	301.
2.3	15.0	994.7	500.0	21.2	18.6	999.9	99.9	99.9	99.9	303.3	344.2	15.2	85.5	0.9	300.
3.2	17.3	1239.1	875.0	19.5	16.8	999.9	99.9	99.9	99.9	304.0	341.7	13.9	84.7	999.9	999.9
4.1	19.5	1489.0	850.0	17.9	15.2	999.9	99.9	99.9	99.9	304.9	340.1	12.9	84.3	999.9	999.9
5.0	21.8	1744.6	825.0	16.3	14.1	999.9	99.9	99.9	99.9	305.8	339.6	12.4	86.9	999.9	999.9
6.1	24.2	2006.5	800.0	14.3	12.3	999.9	99.9	99.9	99.9	306.4	337.6	11.3	87.5	999.9	999.9
7.1	26.5	2278.1	775.0	14.2	6.7	999.9	99.9	99.9	99.9	309.1	331.8	8.0	60.8	999.9	999.9
8.1	28.9	2551.8	750.0	13.0	5.5	999.9	99.9	99.9	99.9	310.7	332.4	7.6	60.1	999.9	999.9
8.9	31.3	2836.2	725.0	10.7	5.4	999.9	99.9	99.9	99.9	311.2	333.5	7.8	69.7	999.9	999.9
9.8	33.8	3127.7	700.0	7.8	5.4	999.9	99.9	99.9	99.9	311.1	334.3	8.1	85.1	999.9	999.9
10.8	36.3	3427.3	675.0	5.6	5.1	999.9	99.9	99.9	99.9	311.5	335.5	8.2	96.7	999.9	999.9
11.7	38.9	3735.5	650.0	3.1	2.6	999.9	99.9	99.9	99.9	312.8	333.1	7.1	96.5	999.9	999.9
12.7	41.5	4052.8	625.0	0.5	-2.3	999.9	99.9	99.9	99.9	313.1	328.4	5.2	81.4	999.9	999.9
13.8	44.1	4380.0	600.0	-0.9	-7.7	999.9	99.9	99.9	99.9	315.1	326.0	3.6	60.0	999.9	999.9
14.9	46.9	4718.5	575.0	-3.5	-6.8	999.9	99.9	99.9	99.9	315.9	328.0	4.0	77.6	999.9	999.9
15.9	49.6	5069.1	550.0	-5.6	-7.2	999.9	99.9	99.9	99.9	317.5	329.8	4.0	88.1	999.9	999.9
17.1	52.4	5433.3	525.0	-7.2	-8.1	999.9	99.9	99.9	99.9	319.8	332.0	4.0	93.3	999.9	999.9
18.4	55.3	5812.9	500.0	-9.1	-10.1	999.9	99.9	99.9	99.9	321.9	333.0	3.6	92.5	999.9	999.9
19.4	58.3	6208.4	475.0	-11.9	-13.5	999.9	99.9	99.9	99.9	323.3	332.3	2.8	87.4	5.4	30.
20.6	61.3	6620.1	450.0	-15.0	-22.8	271.0	8.1	8.1	-0.1	324.3	328.8	1.4	51.3	5.7	36.
21.9	64.4	7049.4	425.0	-18.7	-33.6	253.4	8.8	8.4	2.5	325.0	326.8	0.5	25.8	6.2	40.
23.4	67.7	7498.1	400.0	-22.1	-44.5	246.2	12.6	11.5	5.1	326.2	326.9	0.2	11.0	6.9	43.
24.6	71.0	7965.8	375.0	-24.8	-56.2	248.3	19.1	17.8	7.1	328.8	330.5	0.5	33.3	8.0	46.
25.8	74.4	8469.3	350.0	-27.8	-68.9	999.9	99.9	99.9	99.9	331.4	333.3	0.6	50.0	999.9	999.9
27.0	78.0	8968.5	325.0	-30.9	-82.2	999.9	99.9	99.9	99.9	334.2	335.7	0.4	47.9	999.9	999.9
28.5	81.9	9560.8	300.0	-35.9	-95.5	999.9	99.9	99.9	99.9	336.2	335.6	0.2	36.4	999.9	999.9
30.0	85.7	10159.2	275.0	-40.7	-109.9	999.9	99.9	99.9	99.9	337.7	999.9	99.9	999.9	999.9	999.9
32.0	88.8	10800.1	250.0	-46.0	-128.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
ADA, OKLAHOMA

20 MAY 1979
2200 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.7	312.0	972.5	21.6	17.8	100.0	10.0	-9.8	1.7	297.1	332.1	13.3	79.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.2	11.8	514.1	950.0	20.7	99.9	99.9	99.9	99.9	99.9	298.2	99.9	99.9	99.9	999.9	999.9
2.4	14.2	742.8	925.0	18.7	99.9	99.9	99.9	99.9	99.9	298.4	99.9	99.9	99.9	1.5	282.
3.4	16.7	976.5	900.0	17.5	99.9	99.9	16.2	-14.7	6.8	299.5	99.9	99.9	99.9	2.3	287.
4.3	19.2	1215.8	875.0	16.2	99.9	109.4	15.8	-14.9	5.3	300.5	99.9	99.9	99.9	3.3	288.
5.8	21.7	1461.7	850.0	14.8	13.3	109.1	12.5	-11.8	4.1	301.7	332.4	11.4	90.6	4.5	289.
6.9	24.1	1714.5	825.0	13.7	12.5	72.0	7.4	-7.0	-2.3	303.1	333.3	11.1	92.5	5.2	288.
8.9	26.7	1974.1	800.0	12.0	10.7	90.4	6.2	-6.2	0.0	304.0	331.8	10.2	91.2	5.7	284.
10.8	29.3	2239.8	775.0	9.5	8.4	99.9	99.9	99.9	99.9	304.1	328.8	9.0	92.5	999.9	999.9
99.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
ADA, OKLAHOMA20 MAY 1979
2300 GMT

58 455. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEV PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.0	312.0	975.1	19.1	17.8	0.0	0.0	0.0	0.0	294.4	328.8	13.3	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	9.0	312.9	975.0	19.1	17.8	3.5	0.0	-0.0	-0.0	294.4	328.8	13.3	92.0	0.0	359.
0.9	11.4	537.3	950.0	18.9	17.0	4.7	1.8	-0.1	-1.8	296.3	330.3	13.0	89.2	0.1	192.
2.1	13.7	767.7	925.0	19.3	16.7	120.8	1.1	-0.9	0.5	299.1	333.7	13.1	84.7	0.1	193.
3.4	16.2	1003.8	900.0	18.4	13.5	999.9	99.9	99.9	99.9	300.5	329.8	10.9	73.1	999.9	999.9
4.8	18.6	1245.5	875.0	17.2	13.6	999.9	99.9	99.9	99.9	301.7	332.2	11.3	79.5	999.9	999.9
5.9	21.1	1492.9	850.0	15.6	11.8	999.9	99.9	99.9	99.9	302.5	330.6	10.3	78.1	1.1	99.
7.2	23.6	1745.7	825.0	13.2	8.6	196.9	5.7	1.7	5.5	302.5	326.0	8.5	73.4	1.2	83.
9.6	26.2	2004.8	800.0	12.2	8.1	175.4	7.6	-0.6	7.6	304.2	327.7	8.5	75.7	1.4	58.
10.6	28.7	2270.9	775.0	10.7	6.7	168.3	10.0	-2.0	9.8	305.3	327.6	8.0	76.2	2.0	31.
12.0	31.3	2543.4	750.0	8.0	4.9	184.0	9.9	0.7	9.9	305.3	325.7	7.3	80.6	2.8	18.
13.1	34.0	2823.0	725.0	7.3	4.7	200.1	8.9	3.1	8.4	307.4	328.4	7.4	83.9	3.4	17.
14.4	36.7	3112.2	700.0	5.7	3.5	217.1	10.5	6.3	8.3	308.9	329.0	7.1	85.6	4.1	19.
15.7	39.4	3409.1	675.0	3.9	1.8	233.7	11.2	9.0	6.7	310.0	328.7	6.5	86.4	4.8	24.
17.2	42.2	3715.8	650.0	2.2	0.5	242.4	11.5	10.2	5.3	311.5	329.3	6.1	88.4	5.7	30.
19.3	45.0	4032.6	625.0	1.3	-0.3	239.8	12.7	11.0	6.4	314.0	331.6	6.0	88.8	7.1	37.
20.8	47.9	4361.2	600.0	-0.2	-1.4	240.5	11.7	10.2	5.8	315.9	333.0	5.8	91.8	8.1	40.
22.2	50.9	4701.3	575.0	-2.0	-3.5	241.8	10.5	9.3	5.0	317.7	333.1	5.1	89.2	9.0	42.
23.7	53.9	5054.3	550.0	-3.7	-5.7	245.1	9.4	8.5	3.9	319.7	333.7	4.6	85.9	9.8	44.
25.3	57.0	5421.0	525.0	-5.7	-8.4	238.7	8.4	7.1	4.3	321.6	333.6	3.9	81.2	10.6	45.
27.2	60.1	5802.4	500.0	-8.1	-11.1	231.4	9.7	7.6	6.0	323.2	333.5	3.3	78.4	11.6	46.
29.3	63.4	6199.8	475.0	-10.1	-13.5	999.9	99.9	99.9	99.9	325.4	334.6	2.8	76.2	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
ADA, OKLAHOMA

21 MAY 1979
208 CMT

103 153. 0

TIME MIN	CNTCT	HEIGHT CGM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.7	312.0	975.2	15.8	18.5	40.0	5.0	-3.2	-3.8	295.1	331.1	13.9	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	8.7	313.8	975.0	19.6	18.3	40.3	5.3	-3.5	-4.1	294.9	330.6	13.7	92.1	0.0	351.
0.9	10.9	536.4	950.0	17.0	16.0	50.6	12.0	-9.3	-7.6	294.4	326.0	12.2	94.0	0.5	223.
1.7	13.1	764.3	925.0	15.9	14.9	54.8	13.2	-10.8	-7.6	295.6	326.1	11.6	93.9	1.2	231.
2.8	15.4	557.6	900.0	14.7	13.7	46.4	12.5	-9.0	-6.6	296.7	326.0	11.1	93.7	2.0	231.
4.0	17.6	1235.8	875.0	13.0	12.0	36.7	11.7	-7.0	-5.4	297.3	324.4	10.2	93.6	2.9	228.
5.3	19.9	1480.0	850.0	12.3	10.8	26.1	10.5	-4.6	-9.5	299.0	324.9	9.6	90.8	3.8	224.
6.5	22.2	1730.7	825.0	11.6	10.4	50.7	6.0	-4.7	-3.8	300.9	327.2	9.7	92.5	4.4	221.
7.7	24.5	1989.0	800.0	11.3	10.3	106.4	3.8	-3.7	1.1	303.2	330.3	9.9	93.4	4.6	224.
8.9	27.0	2254.1	775.0	9.6	8.3	166.8	3.3	-0.8	3.3	304.1	328.7	8.9	91.6	4.6	227.
9.9	29.3	2526.6	750.0	8.3	7.1	222.8	3.3	2.3	2.4	305.0	329.3	8.5	91.9	4.4	228.
10.9	31.8	2807.0	725.0	7.0	5.7	244.9	5.4	4.9	2.3	307.1	329.6	8.0	91.8	4.2	227.
12.0	34.3	3095.5	700.0	5.5	4.0	244.1	7.2	6.5	3.2	308.6	329.4	7.4	90.5	3.8	225.
13.0	36.8	3392.6	675.0	3.9	2.5	247.0	9.2	8.5	3.6	310.0	329.7	6.8	90.7	3.4	222.
14.1	39.4	3695.6	650.0	2.8	1.7	244.5	13.2	11.9	5.7	312.1	331.6	6.7	92.9	2.7	216.
15.1	42.0	4018.9	625.0	1.7	0.7	244.0	14.8	13.3	6.5	314.4	333.2	6.5	93.1	2.0	204.
16.0	44.7	4345.8	600.0	0.4	-0.5	244.8	15.4	14.0	6.6	316.4	334.9	6.2	93.4	1.5	183.
16.9	47.4	4687.4	575.0	-0.8	-1.8	243.9	15.4	13.8	6.7	318.9	336.6	5.9	93.3	1.3	149.
18.0	50.2	5041.1	550.0	-4.4	-6.0	245.9	15.1	13.8	6.2	319.9	332.5	4.5	88.2	1.7	112.
19.4	53.0	5405.1	525.0	-8.5	-12.1	247.2	15.0	13.8	5.8	318.2	327.2	2.9	75.1	2.8	93.
20.7	56.0	5783.9	500.0	-8.8	-10.8	245.0	11.9	10.8	5.0	322.3	332.9	3.4	85.7	3.8	86.
22.1	59.0	6180.6	475.0	-10.5	-12.6	235.8	10.7	8.9	6.0	325.5	334.7	3.1	84.7	4.6	81.
23.4	62.0	6594.6	450.0	-13.7	-15.8	236.3	11.3	9.4	6.3	326.1	334.1	2.5	83.8	5.4	77.
24.7	65.1	7027.0	425.0	-17.7	-20.6	245.7	14.9	13.6	5.9	326.3	329.0	0.8	34.4	6.3	75.
25.9	68.4	7477.4	400.0	-21.2	-24.0	249.7	18.1	17.0	6.3	327.5	328.6	0.3	16.3	7.6	74.
27.3	71.8	7951.2	375.0	-23.6	-33.1	243.0	20.9	18.6	9.5	330.4	332.6	0.6	41.7	9.1	73.
28.6	75.3	8454.2	350.0	-25.8	-30.7	236.1	20.9	17.4	11.7	330.0	336.9	0.8	63.0	10.9	70.
30.3	78.9	8986.6	325.0	-30.3	-43.4	231.1	17.1	13.3	11.7	334.9	335.8	0.2	24.4	12.7	68.
32.1	82.7	9551.3	300.0	-34.3	-45.3	224.3	16.4	11.4	13.4	337.1	337.9	0.2	31.6	14.3	66.
33.8	86.7	10153.9	275.0	-35.6	-49.9	227.9	20.0	14.8	13.4	337.9	999.9	99.9	999.9	16.0	63.
35.4	90.8	10787.1	250.0	-45.9	99.9	235.5	24.5	20.2	13.9	337.9	999.9	99.9	999.9	18.2	62.
37.1	95.2	11485.3	225.0	-51.9	99.9	239.8	29.1	25.1	14.6	339.0	999.9	99.9	999.9	20.8	61.
39.1	100.0	12241.9	200.0	-57.5	99.9	242.2	32.9	29.2	15.3	341.7	999.9	99.9	999.9	24.7	61.
41.1	105.2	13072.2	175.0	-64.1	99.9	999.9	99.9	99.9	99.9	344.1	999.9	99.9	999.9	28.5	61.
99.9	99.9	99.9	150.0	55.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
ADA, OKLAHOMA21 MAY 1979
506 GMT

110 162.0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT HT DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	312.0	974.4	19.3	17.6	140.0	12.0	-7.7	9.2	294.6	328.8	13.2	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.0	11.7	531.0	950.0	18.2	15.8	119.6	13.6	-11.8	6.7	295.6	327.2	12.0	86.0	0.7	315.
1.9	14.1	760.3	925.0	20.2	14.3	106.0	14.5	-14.0	4.0	300.0	329.9	11.2	68.6	1.6	303.
2.9	14.5	956.7	900.0	18.0	11.3	93.3	10.1	-10.1	0.6	300.1	325.5	9.4	64.9	2.3	296.
3.9	13.9	1237.4	875.0	16.3	10.4	76.0	6.5	-6.3	-1.6	300.7	325.5	9.1	68.2	2.6	291.
5.0	21.4	1484.7	850.0	16.6	10.3	40.3	5.9	-3.8	-4.5	303.6	329.1	9.3	66.3	2.9	285.
5.9	24.0	1737.7	825.0	13.1	8.2	27.9	4.8	-2.3	-4.3	302.4	325.3	8.3	72.1	3.0	279.
7.0	24.5	1956.4	800.0	11.8	7.9	91.8	1.9	-1.9	0.1	303.7	327.0	8.4	77.5	3.1	276.
8.0	23.1	2262.1	775.0	10.4	8.3	236.2	6.0	5.0	3.3	305.0	328.8	8.9	86.9	2.9	279.
9.1	31.7	2535.2	750.0	8.8	6.1	253.4	8.3	6.1	1.8	306.2	328.3	7.9	82.7	2.6	285.
10.5	34.4	2815.5	725.0	6.5	4.9	269.6	3.8	3.8	0.0	306.6	327.8	7.5	89.4	2.2	288.
11.8	37.1	3103.3	700.0	5.3	4.4	256.5	5.1	4.9	1.2	308.1	329.7	7.6	94.3	1.9	291.
12.8	39.9	3400.9	675.0	4.2	3.6	250.9	8.0	7.6	2.6	310.4	331.5	7.4	96.0	1.6	301.
14.0	42.7	3707.5	650.0	1.9	1.3	256.5	10.6	10.3	2.5	311.1	329.9	6.5	96.0	1.3	323.
15.4	45.5	4023.8	625.0	1.0	0.5	247.3	12.5	11.6	4.8	313.7	332.3	6.4	96.2	1.3	7.
16.7	48.4	4351.9	600.0	-1.0	-1.6	240.7	14.1	12.3	6.9	315.0	331.8	5.7	95.7	2.1	31.
18.1	51.4	4690.7	575.0	-3.1	-4.0	238.9	13.5	11.5	7.0	316.3	331.2	5.0	93.8	3.2	42.
19.8	54.4	5042.0	550.0	-5.1	-6.3	237.6	11.3	9.5	6.1	318.1	331.3	4.4	93.0	4.4	47.
21.7	57.5	5407.0	525.0	-6.9	-8.2	227.9	10.5	7.8	7.0	320.2	332.3	3.9	89.9	5.6	48.
23.6	60.6	5766.8	500.0	-5.3	-10.7	220.7	11.7	7.6	8.9	321.7	332.3	3.4	89.2	6.8	47.
25.4	63.9	6182.3	475.0	-11.6	-13.2	220.5	12.8	8.3	9.7	323.6	332.9	2.9	87.5	8.2	46.
27.6	67.3	6555.6	450.0	-14.0	-15.9	214.9	15.5	8.9	12.7	325.6	333.6	2.5	85.6	9.9	45.
29.9	70.7	7028.0	425.0	-16.1	-18.2	212.2	19.8	10.5	16.7	328.4	335.5	2.1	83.5	12.3	42.
31.8	74.3	7482.4	400.0	-19.0	-21.4	210.6	22.3	11.3	19.2	330.3	336.1	1.7	80.9	14.8	41.
33.6	78.0	7960.2	375.0	-22.7	-25.5	210.3	20.2	10.2	17.4	331.4	336.0	1.3	77.7	17.1	39.
35.7	81.8	8463.2	350.0	-26.5	-29.8	209.4	16.8	8.2	14.6	333.1	336.3	0.9	73.2	19.3	38.
37.7	85.7	8995.0	325.0	-30.3	-34.0	209.2	18.6	9.1	16.3	335.0	337.3	0.7	69.6	21.3	37.
39.7	89.8	9559.6	300.0	-34.5	-38.5	208.6	20.2	9.7	17.7	336.7	338.4	0.4	66.4	23.7	36.
41.9	93.3	10160.3	275.0	-40.3	99.9	208.2	21.1	10.0	18.6	336.9	999.9	99.9	999.9	26.3	35.
44.4	96.0	10802.1	250.0	-46.1	99.9	204.9	23.6	9.9	21.4	337.6	999.9	99.9	999.9	29.8	35.
46.9	103.8	11493.6	225.0	-52.1	99.9	208.5	22.2	10.6	19.5	338.6	999.9	99.9	999.9	33.0	34.
49.4	109.2	12244.9	200.0	-58.8	99.9	229.2	23.6	17.9	15.4	339.6	999.9	99.9	999.9	36.4	34.
52.0	115.0	13068.5	175.0	-65.1	99.9	999.9	99.9	99.9	99.9	340.2	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
ADA, OKLAHOMA

21 MAY 1979
805 GMT

21 774. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.8	312.0	975.9	17.7	16.7	60.0	1.0	-0.9	-0.5	232.9	324.9	12.4	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	8.9	319.9	975.0	17.9	17.0	146.1	1.8	-1.0	1.5	233.2	325.8	12.6	94.6	0.0	48.
1.2	11.1	542.9	950.0	17.5	16.9	6.0	1.8	-0.2	-1.8	295.0	328.6	12.9	96.1	0.2	160.
2.5	13.5	770.5	925.0	15.0	14.3	359.0	1.6	0.0	-1.6	294.6	324.0	11.2	96.0	0.3	170.
3.6	15.8	1003.0	900.0	14.8	13.8	346.6	2.5	0.6	-2.5	296.8	326.2	11.1	93.8	0.4	167.
4.7	18.2	1242.1	875.0	14.1	12.7	357.7	2.5	0.1	-2.5	298.2	326.9	10.7	91.1	0.6	160.
5.8	20.6	1487.1	850.0	13.0	11.6	355.2	2.1	0.2	-2.1	299.2	327.3	10.2	91.1	0.8	170.
7.0	23.0	1738.1	825.0	11.6	9.8	99.9	99.9	99.9	99.9	300.2	326.0	9.3	88.6	0.8	171.
8.2	25.4	1955.2	800.0	9.6	8.0	99.9	99.9	99.9	99.9	301.4	324.4	8.4	89.7	999.9	999.9
9.4	27.9	2258.8	775.0	8.2	6.5	99.9	99.9	99.9	99.9	302.6	324.3	7.9	89.0	999.9	999.9
99.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
 ADA, OKLAHOMA

 21 MAY 1979
 1100 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT Y DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.0	312.0	974.0	18.0	17.0	10.0	2.0	-0.3	-2.0	293.4	326.1	12.7	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	11.3	526.0	950.0	16.6	15.9	84.6	4.7	-0.4	-0.4	294.0	325.4	12.1	95.6	0.2	230.
1.4	13.6	753.4	925.0	15.5	14.8	104.0	5.4	-0.3	1.3	295.2	325.4	11.6	95.6	0.4	253.
2.2	15.1	986.2	900.0	14.2	13.3	130.4	6.6	-5.0	4.3	296.1	324.6	10.8	94.6	0.6	275.
3.0	18.5	1224.6	875.0	13.6	12.8	137.9	7.9	-5.3	5.8	297.5	326.4	10.7	95.1	0.9	290.
3.8	21.0	1469.7	850.0	13.1	12.3	135.5	6.8	-4.7	4.8	299.9	328.5	10.7	95.0	1.2	299.
4.5	23.5	1721.1	825.0	11.9	11.2	124.6	5.1	-4.2	2.9	301.2	328.8	10.2	95.0	1.5	301.
5.4	26.0	1979.1	800.0	11.4	10.6	118.3	4.0	-3.5	1.9	303.2	330.9	10.1	94.9	1.7	301.
6.3	28.6	2244.0	775.0	8.2	6.5	109.9	2.2	-3.1	0.8	302.7	324.5	7.9	88.7	1.9	300.
7.2	31.2	2513.9	750.0	6.1	3.1	301.0	1.3	1.1	-0.7	303.2	321.1	6.4	80.6	1.9	300.
8.2	33.9	2751.4	725.0	4.7	2.0	322.4	2.4	1.5	-1.9	304.6	321.9	6.1	83.0	1.8	290.
9.1	36.6	3077.7	700.0	3.5	1.7	314.4	4.5	3.2	-3.1	306.4	324.0	6.2	87.8	1.7	290.
10.1	39.3	3373.5	675.0	3.4	0.2	311.0	7.7	5.8	-5.1	309.4	326.1	5.8	79.5	1.3	291.
11.0	42.1	3679.1	650.0	2.5	99.9	99.9	99.9	99.9	99.9	311.8	99.9	99.9	99.9	99.9	99.9
12.2	44.9	3994.7	625.0	0.4	99.9	99.9	99.9	99.9	99.9	313.0	99.9	99.9	99.9	99.9	99.9
13.3	47.8	4320.8	600.0	-1.6	99.9	99.9	99.9	99.9	99.9	314.3	99.9	99.9	99.9	99.9	99.9
14.5	50.8	4658.2	575.0	-3.5	99.9	99.9	99.9	99.9	99.9	316.0	99.9	99.9	99.9	99.9	99.9
15.7	53.8	5009.0	550.0	-5.1	-8.3	99.9	99.9	99.9	99.9	318.1	329.6	3.7	78.3	99.9	99.9
17.0	56.8	5372.8	525.0	-8.0	-10.0	271.5	16.6	16.6	-0.4	318.8	329.4	3.4	85.1	5.3	97.
18.4	60.0	5750.8	500.0	-10.3	-16.2	266.7	16.9	16.9	1.0	320.2	327.4	2.2	61.7	6.7	95.
19.7	63.3	6144.7	475.0	-11.5	-33.1	250.8	18.9	17.9	6.2	323.7	325.4	0.5	14.8	8.0	93.
21.0	66.5	6557.5	450.0	-14.0	-44.7	242.4	20.6	18.2	9.6	325.6	326.2	0.2	5.5	9.4	89.
22.3	70.0	6988.2	425.0	-17.4	-61.0	238.9	24.7	21.2	12.8	326.7	326.8	0.0	1.0	11.0	84.
23.8	73.4	7440.1	400.0	-20.5	-63.0	238.6	25.7	21.9	13.4	328.3	328.4	0.0	1.0	13.2	80.
25.6	77.1	7914.1	375.0	-24.3	-65.4	236.6	24.5	20.4	13.5	329.2	329.5	0.0	1.0	15.6	76.
27.2	81.0	8412.8	350.0	-28.2	-68.0	237.4	24.6	20.7	13.2	330.7	330.7	0.0	1.0	17.9	74.
29.7	84.9	8939.5	325.0	-32.6	-70.7	235.5	27.4	22.6	15.6	331.7	333.0	0.3	44.7	20.2	72.
30.6	89.0	9498.2	300.0	-36.6	-74.0	233.6	34.0	27.4	20.2	333.4	335.1	0.3	63.9	23.4	69.
32.4	93.3	10095.0	275.0	-41.8	-79.9	233.0	39.3	31.4	23.6	334.7	999.9	99.9	99.9	27.3	67.
34.8	98.0	10733.2	250.0	-47.1	99.9	235.7	41.3	34.1	23.3	336.1	999.9	99.9	99.9	33.0	65.
37.3	102.8	11423.4	225.0	-51.9	99.9	237.9	34.1	28.9	18.2	339.0	999.9	99.9	99.9	38.9	64.
39.7	108.0	12175.4	200.0	-57.4	99.9	242.7	34.8	30.9	15.9	341.9	999.9	99.9	99.9	43.6	63.
42.5	113.8	13006.5	175.0	-63.6	99.9	250.3	35.1	33.0	11.8	344.9	999.9	99.9	99.9	49.5	63.
45.5	120.0	13941.9	150.0	-68.2	99.9	259.2	35.4	34.8	6.6	352.6	999.9	99.9	99.9	55.9	65.
49.5	127.0	15065.6	125.0	-61.9	99.9	268.8	31.6	31.6	0.7	383.0	999.9	99.9	99.9	63.9	67.
54.4	135.0	16439.9	100.0	-66.1	99.9	999.9	99.9	99.9	99.9	400.0	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, OKLAHOMA

20 MAY 1979
1138 GMT

126 96.0 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	422.0	459.1	19.7	16.9	150.0	1.0	-0.5	0.9	296.4	329.9	12.8	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	11.1	505.0	950.0	22.8	19.0	234.1	8.2	6.7	4.8	300.3	339.4	14.8	79.4	0.2	13.
1.0	13.5	739.0	925.0	24.0	18.1	237.2	10.0	8.4	5.4	303.9	342.3	14.3	69.5	0.4	37.
1.9	15.9	578.8	900.0	22.3	17.2	241.5	13.5	11.9	6.5	304.5	342.0	13.9	72.9	1.0	50.
2.8	18.4	1224.1	875.0	20.9	15.7	251.6	15.4	15.5	5.2	305.5	340.8	12.9	71.9	1.8	57.
3.7	20.8	1475.5	850.0	21.0	13.6	256.0	17.3	16.8	4.2	308.1	340.4	11.7	62.8	2.8	63.
4.6	23.3	1733.7	825.0	19.5	11.7	259.0	18.7	14.4	2.8	309.2	333.8	10.6	60.7	3.6	66.
5.5	25.8	1998.1	800.0	17.7	9.5	267.3	12.5	12.5	0.6	310.6	336.5	9.4	59.5	4.3	69.
6.6	28.4	2269.2	775.0	15.9	5.9	267.6	9.3	9.3	0.4	310.5	332.7	7.6	51.8	5.0	72.
7.6	31.0	2547.0	750.0	14.1	0.6	274.7	7.5	7.4	-0.6	311.8	327.5	5.4	39.8	5.4	73.
8.7	33.6	2832.1	725.0	11.6	-1.0	292.6	8.0	7.4	-3.1	312.2	326.6	4.9	41.5	5.9	76.
9.9	36.3	3124.1	700.0	8.9	-3.6	300.9	8.4	7.2	-4.3	312.3	324.8	4.2	41.2	6.3	80.
11.0	39.0	3423.7	675.0	6.3	-5.2	305.2	7.2	5.9	-4.1	312.7	324.3	3.8	43.3	6.7	83.
12.1	41.8	3731.7	650.0	3.4	-7.5	298.2	6.6	5.8	-3.1	312.8	322.9	3.3	44.7	7.1	85.
13.2	44.6	4048.3	625.0	0.5	-9.3	277.2	6.8	6.8	-0.9	313.1	322.3	3.0	47.6	7.5	86.
14.4	47.5	4374.6	600.0	-2.1	-13.3	263.0	7.8	7.8	1.0	313.7	320.8	2.3	41.6	7.9	86.
15.6	50.4	4711.9	575.0	-3.3	-18.0	252.6	13.0	12.4	3.9	316.2	321.3	1.6	31.0	8.7	86.
17.1	53.5	5062.2	550.0	-5.0	-17.0	243.5	13.3	14.6	7.3	318.2	324.5	2.0	41.9	10.0	83.
19.5	56.5	5426.3	525.0	-7.4	-34.0	240.6	16.1	14.0	7.9	319.5	320.9	0.4	9.8	11.3	81.
19.7	59.6	5805.2	500.0	-8.9	-38.2	234.3	13.9	11.3	8.1	322.2	323.2	0.3	7.2	12.3	79.
23.9	62.9	6199.9	475.0	-11.9	-40.0	235.3	11.9	9.8	6.8	323.3	324.2	0.2	7.5	13.2	77.
22.4	66.1	6611.2	450.0	-15.1	-39.2	243.1	10.8	9.7	4.9	324.2	325.3	0.3	10.6	14.1	76.
23.8	69.6	7040.6	425.0	-18.1	-34.1	238.4	9.0	8.3	3.3	325.8	327.5	0.5	22.8	14.9	75.
25.3	73.1	7490.6	400.0	-21.5	-31.0	238.1	10.0	8.5	5.3	327.1	329.6	0.7	42.1	15.7	75.
26.8	76.8	7963.3	375.0	-25.1	-26.4	232.9	14.7	11.8	8.9	328.3	332.3	1.2	88.9	16.7	73.
28.4	80.5	8461.2	350.0	-28.6	-32.4	247.5	20.8	19.2	8.0	330.2	332.7	0.7	70.0	18.4	72.
30.2	84.5	8987.4	325.0	-32.7	-40.3	254.6	28.7	27.7	7.6	331.7	332.9	0.3	46.2	20.9	72.
31.9	89.5	9547.2	300.0	-36.7	-42.9	249.1	33.4	31.2	11.9	333.7	334.7	0.3	52.0	24.3	72.
34.0	92.8	10143.2	275.0	-41.4	-49.9	243.8	38.3	32.6	16.0	335.3	339.9	99.9	999.9	28.5	71.
36.2	97.4	10782.6	250.0	-46.3	-59.9	244.2	38.6	34.8	16.8	337.2	339.9	99.9	999.9	33.5	70.
38.6	102.2	11475.5	225.0	-50.8	-69.9	248.3	37.6	34.9	13.9	340.7	339.9	99.9	999.9	39.0	69.
41.2	107.4	12238.7	200.0	-56.4	-79.9	253.4	38.0	34.8	9.1	343.4	339.9	99.9	999.9	44.6	70.
44.0	113.0	13068.8	175.0	-62.0	-89.9	259.2	30.0	29.5	5.6	347.6	339.9	99.9	999.9	50.4	71.
47.1	119.2	14009.1	150.0	-67.5	-99.9	253.6	27.8	26.6	7.8	353.9	339.9	99.9	999.9	55.2	71.
50.5	126.0	15107.9	125.0	-64.3	-99.9	252.3	33.4	31.8	10.2	378.5	339.9	99.9	999.9	61.5	71.
54.6	133.7	16471.4	100.0	-64.7	-99.9	999.9	99.9	99.9	99.9	402.7	339.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, OKLAHOMA20 MAY 1979
1405 GMT

127 90. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	422.0	960.0	26.5	17.8	140.0	3.0	-1.9	2.3	303.2	339.7	13.5	59.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	11.1	514.5	950.0	25.3	19.1	259.0	6.2	6.1	1.2	302.5	342.8	14.9	68.6	0.2	32.
1.0	13.5	749.1	925.0	24.0	16.5	267.4	7.4	7.4	0.3	303.9	338.9	12.9	63.0	0.3	59.
1.9	15.9	988.8	900.0	22.5	15.8	273.1	9.6	9.6	-0.5	304.7	339.1	12.7	65.7	0.7	78.
2.8	18.3	1234.0	875.0	21.1	14.4	274.8	11.3	11.2	-0.9	305.7	338.3	11.9	65.8	1.3	86.
3.7	20.7	1485.0	850.0	20.1	13.3	268.7	10.9	10.9	0.3	307.2	338.7	11.4	65.2	1.9	88.
4.6	23.2	1743.1	825.0	19.8	11.8	260.3	9.7	9.5	1.6	309.6	339.3	10.6	59.9	2.5	87.
5.4	25.6	2007.8	800.0	17.7	9.8	257.4	9.0	8.7	1.9	310.0	337.0	9.6	59.6	2.9	86.
6.2	28.1	2278.6	775.0	15.7	7.4	249.0	5.8	5.5	2.1	310.2	334.6	8.4	57.4	3.3	88.
7.3	30.7	2556.5	750.0	14.1	2.5	235.6	4.3	3.5	2.4	311.5	329.8	6.2	45.6	3.6	83.
8.1	33.3	2841.3	725.0	11.3	2.6	221.8	4.9	3.3	3.6	311.9	330.4	6.4	54.8	3.8	81.
9.0	36.0	3133.4	700.0	9.0	-1.1	213.5	5.0	2.8	4.2	312.4	327.4	5.1	49.3	4.0	78.
9.9	33.7	3439.5	675.0	6.2	-2.0	209.9	4.1	2.0	3.5	312.5	327.1	4.9	56.0	4.1	76.
10.9	41.4	3741.7	650.0	3.4	-3.1	220.7	3.1	2.0	2.3	312.8	326.7	4.7	62.2	4.3	74.
11.9	44.2	4058.5	625.0	0.5	-4.3	238.3	3.1	2.7	1.6	313.0	326.3	4.5	70.1	4.4	73.
13.0	47.1	4385.2	600.0	-0.4	-17.0	243.1	7.8	6.9	3.5	315.7	321.1	1.7	27.6	4.8	72.
14.3	50.0	4724.5	575.0	-2.5	-8.6	239.5	12.4	10.6	6.3	317.0	327.7	3.5	63.1	5.6	71.
15.5	52.9	5076.7	550.0	-4.5	-9.6	230.2	15.5	11.9	9.9	318.7	329.1	3.4	67.7	6.6	68.
16.8	55.0	5441.8	525.0	-6.6	-10.4	222.6	17.5	11.8	12.9	320.2	330.8	3.3	74.5	7.8	65.
18.1	59.1	5820.9	500.0	-10.1	-13.1	223.2	14.9	10.2	10.8	320.2	329.6	2.8	78.6	9.0	61.
19.4	62.3	6214.9	475.0	-12.6	-15.6	227.4	10.6	7.8	7.2	322.4	330.1	2.4	78.1	9.9	60.
20.6	65.6	6625.5	450.0	-15.5	-35.9	236.6	9.2	7.6	5.0	323.2	325.2	0.4	15.8	10.6	59.
21.9	69.0	7054.2	425.0	-18.6	-22.2	239.2	8.6	7.4	4.4	325.1	328.8	1.1	53.7	11.3	59.
23.3	72.4	7503.9	400.0	-22.0	-22.2	248.7	10.9	10.2	4.0	326.4	331.8	1.6	98.6	12.1	59.
24.8	76.0	7975.5	375.0	-25.6	-30.7	260.9	15.0	14.8	2.4	327.7	330.5	0.8	62.1	13.1	61.
26.4	79.8	8472.3	350.0	-28.8	-34.8	257.0	21.5	21.0	4.8	329.9	332.0	0.6	55.8	14.8	63.
28.1	83.7	8998.8	325.0	-32.1	-36.7	252.2	26.3	25.0	8.0	332.4	334.2	0.5	63.6	17.2	65.
29.8	87.8	9558.5	300.0	-37.1	-40.6	242.2	29.9	26.4	13.9	333.1	334.5	0.4	69.6	20.2	65.
31.7	92.0	10153.3	275.0	-41.3	-45.9	237.1	32.1	26.9	17.5	335.2	339.9	99.9	999.9	23.7	64.
33.9	96.6	10796.4	250.0	-45.9	-45.9	240.2	33.7	29.3	16.8	337.5	399.9	99.9	999.9	27.9	63.
36.2	101.4	11489.1	225.0	-51.2	-59.9	247.3	35.5	33.2	13.8	340.0	999.9	99.9	999.9	32.6	63.
38.6	106.6	12245.8	200.0	-56.2	-59.9	252.9	32.1	30.7	9.5	343.8	999.9	99.9	999.9	37.7	64.
41.3	112.2	13082.6	175.0	-61.8	-61.8	253.2	31.2	29.8	9.0	348.0	999.9	99.9	999.9	42.7	65.
44.3	118.2	14026.7	150.0	-66.6	-66.6	251.4	27.7	26.2	8.8	355.3	999.9	99.9	999.9	47.8	66.
47.6	125.0	15130.1	125.0	-63.6	-63.6	252.4	32.2	30.7	9.7	379.6	999.9	99.9	999.9	54.0	66.
51.6	132.7	16505.0	100.0	-63.3	-59.9	254.5	16.6	16.0	4.4	405.9	999.9	99.9	999.9	60.3	68.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, OKLAHOMA

20 MAY 1979
1705 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	422.0	960.9	33.7	10.3	30.0	2.0	-1.0	-1.7	310.4	333.8	8.2	24.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.4	11.5	523.8	950.0	27.1	18.1	42.6	2.7	-1.8	-2.0	304.7	342.4	13.9	57.6	0.2	220.
1.2	13.9	759.1	925.0	24.5	16.9	48.2	3.2	-2.4	-2.1	304.4	340.4	13.3	62.6	0.3	222.
2.0	16.3	999.2	900.0	22.7	15.0	39.5	3.5	-2.2	-2.7	304.9	339.9	12.9	65.3	0.5	224.
2.9	19.8	1244.2	875.0	20.2	15.3	32.7	4.0	-2.2	-2.4	304.7	339.2	12.7	73.8	0.7	221.
3.8	21.2	1454.3	850.0	18.3	14.0	31.0	2.8	-1.5	-2.4	305.1	338.0	12.0	78.3	0.9	219.
4.8	23.7	1750.8	825.0	17.9	12.7	17.1	3.0	-0.9	-2.8	307.6	338.9	11.3	71.6	1.0	218.
5.6	26.2	2014.0	800.0	16.2	12.1	302.9	3.0	2.5	-1.6	308.4	339.5	11.2	76.6	1.2	212.
6.6	28.8	2284.4	775.0	15.5	9.5	240.2	3.9	3.4	2.0	310.5	337.9	9.7	67.5	1.0	205.
7.7	31.4	2562.6	750.0	14.0	6.8	228.1	5.2	3.9	3.5	311.8	335.5	8.3	61.7	0.8	195.
8.7	34.1	2847.9	725.0	11.6	4.6	219.8	5.4	3.5	4.2	312.2	333.5	7.4	62.1	0.5	172.
9.8	36.8	3140.5	700.0	8.9	0.4	204.7	5.5	2.3	5.0	312.4	328.9	5.6	54.8	0.3	128.
10.9	39.6	3441.0	675.0	6.9	-2.7	189.1	6.7	0.9	6.7	313.4	327.2	4.7	50.3	0.4	67.
11.9	42.3	3749.9	650.0	4.4	-3.8	190.8	8.6	1.6	8.4	313.9	327.2	4.5	55.3	0.8	32.
13.0	45.1	4067.9	625.0	1.5	-4.1	196.9	10.7	3.1	10.2	314.2	327.8	4.5	66.0	1.4	24.
14.2	48.1	4396.0	600.0	-0.5	-5.1	209.2	12.0	5.9	10.5	315.6	328.7	4.4	70.7	2.2	23.
15.3	51.1	4734.9	575.0	-3.4	-5.0	223.7	13.6	9.4	9.8	316.0	329.9	4.6	88.7	3.0	27.
16.5	54.1	5085.5	550.0	-5.8	-5.9	229.9	15.2	11.9	10.0	317.2	329.7	4.1	91.7	4.0	33.
17.7	57.3	5448.8	525.0	-8.4	-7.0	229.9	17.5	13.4	11.3	318.4	329.3	3.6	91.5	5.1	36.
19.0	60.4	5825.8	500.0	-11.5	-16.7	228.4	19.1	14.3	12.7	319.0	325.7	2.1	65.5	6.5	39.
20.2	63.7	6217.8	475.0	-13.2	-19.4	231.4	18.0	14.1	11.2	321.7	327.3	1.7	59.5	7.9	41.
21.6	67.1	6628.5	450.0	-15.2	-22.3	241.2	14.0	12.3	6.8	323.1	328.8	1.4	54.5	9.2	43.
23.1	70.6	7057.6	425.0	-18.8	-24.5	248.4	11.5	10.7	4.2	324.9	329.0	1.2	60.7	10.2	45.
24.7	74.2	7506.1	400.0	-23.0	-28.3	252.7	12.4	11.8	3.7	325.1	328.3	0.9	61.5	11.3	48.
26.4	78.0	7975.7	375.0	-26.7	-33.0	250.7	13.4	14.5	5.1	326.3	328.5	0.6	54.4	12.5	51.
29.1	81.8	8471.6	350.0	-29.1	-35.7	249.3	19.5	18.2	6.9	329.2	331.7	0.6	64.4	14.3	53.
30.0	86.0	8997.8	325.0	-31.5	-37.6	240.3	24.3	21.1	12.0	333.2	334.9	0.5	54.6	16.6	55.
31.9	90.2	9559.0	300.0	-36.3	-43.1	235.2	28.8	27.9	16.4	335.3	335.3	0.3	48.7	19.6	55.
33.9	94.7	10156.5	275.0	-41.3	99.9	233.5	34.7	27.9	20.6	335.5	999.9	99.9	999.9	23.4	55.
36.1	99.4	10756.4	250.0	-46.1	99.9	237.4	38.9	32.7	20.9	337.2	999.9	99.9	999.9	28.3	55.
38.3	104.6	11489.7	225.0	-51.1	99.9	241.4	38.9	34.2	18.6	340.2	999.9	99.9	999.9	33.9	56.
40.7	110.0	12242.3	200.0	-56.4	99.9	244.4	35.9	32.4	15.5	343.5	999.9	99.9	999.9	38.9	57.
43.4	116.0	13083.9	175.0	-61.7	99.9	247.5	35.5	32.8	13.6	345.2	999.9	99.9	999.9	44.8	58.
46.4	122.2	14039.2	150.0	-66.3	99.9	245.5	30.7	27.9	12.7	355.8	999.9	99.9	999.9	50.4	59.
49.7	129.3	15145.1	125.0	-62.9	99.9	254.4	31.4	30.3	8.5	381.1	999.9	99.9	999.9	56.8	60.
53.5	137.0	16522.2	100.0	-61.1	99.9	999.9	99.9	99.9	99.9	405.7	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* 9Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
 ALTUS, OKLAHOMA

 20 MAY 1979
 2005 GMT

44 555. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	MX RYD GN/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	422.0	958.8	27.4	17.0	360.0	4.0	0.0	-4.0	304.2	339.0	12.8	53.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	11.5	503.8	950.0	26.7	18.5	256.6	8.5	-3.7	-7.7	304.3	342.9	14.3	60.8	0.4	202.
0.9	13.8	738.8	925.0	25.5	18.6	32.9	8.6	-4.7	-7.3	305.4	345.4	14.8	65.6	0.6	203.
1.9	16.2	980.8	900.0	23.5	18.8	43.9	9.0	-6.5	-6.2	305.7	347.4	15.4	75.3	1.1	211.
2.7	18.6	1226.9	875.0	21.0	18.9	50.9	8.4	-6.5	-5.3	305.7	348.7	15.9	87.5	1.5	217.
3.8	21.1	1477.7	850.0	18.8	17.3	56.7	6.8	-5.7	-3.7	305.8	346.0	14.8	91.2	2.0	221.
4.7	23.6	1734.3	825.0	16.6	15.6	60.7	5.5	-4.8	-2.7	306.1	343.6	13.7	94.2	2.3	224.
5.8	26.1	1996.4	800.0	14.7	13.2	81.0	3.5	-3.5	-0.6	306.6	340.1	12.1	90.9	2.6	226.
6.9	28.7	2265.2	775.0	12.8	11.7	161.8	1.2	-0.4	1.1	307.6	338.8	11.3	93.2	2.6	228.
8.1	31.2	2540.9	750.0	11.4	7.9	213.6	0.9	0.5	0.8	309.0	334.3	9.0	78.9	2.6	229.
9.4	33.8	2823.8	725.0	9.2	6.9	232.2	1.5	1.2	0.9	309.2	334.1	8.7	85.7	2.5	229.
10.8	36.5	3114.4	700.0	7.3	6.2	246.7	3.3	3.0	1.3	310.6	334.9	8.6	92.5	2.3	228.
11.9	39.2	3413.4	675.0	5.0	4.1	270.2	5.7	5.7	-0.0	311.3	333.2	7.7	93.4	2.1	224.
13.6	42.0	3719.6	650.0	1.1	-2.0	276.8	9.4	9.2	-1.6	310.2	325.1	5.1	80.0	1.8	202.
15.1	44.8	4035.1	625.0	-0.6	-2.7	276.5	11.0	10.9	-1.2	311.8	326.6	5.0	85.4	1.8	171.
16.4	47.7	4361.1	600.0	-2.3	-4.0	277.9	11.8	11.7	-1.6	313.5	327.6	4.8	88.3	2.2	148.
18.4	50.6	4658.5	575.0	-4.2	-5.9	299.9	99.9	99.9	99.9	315.1	328.0	4.3	88.0	3.3	130.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** B0 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
 ALTUS, OKLAHOMA

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.2	422.0	959.8	20.3	18.1	100.0	9.0	-8.5	1.6	298.9	332.9	13.8	87.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	11.0	510.7	950.0	18.8	17.4	117.8	14.2	-12.5	6.6	296.3	331.0	13.3	91.5	0.6	319.
0.9	13.3	748.9	925.0	19.6	16.9	117.7	12.1	-10.7	5.6	299.4	334.4	13.2	84.0	1.0	312.
2.0	15.7	977.7	900.0	19.0	16.3	109.8	11.6	-10.9	3.9	301.1	336.0	13.1	84.4	1.6	305.
3.0	18.1	1215.9	875.0	17.7	15.2	101.9	12.9	-12.7	2.7	302.2	335.8	12.5	85.1	2.4	299.
4.0	20.6	1458.3	850.0	17.3	12.1	95.3	11.9	-11.8	1.1	304.3	333.2	10.5	71.4	3.1	293.
5.1	23.1	1723.1	825.0	15.8	11.0	105.8	11.0	-10.6	3.0	305.3	333.1	10.1	73.3	3.8	290.
6.1	25.6	1984.3	800.0	13.8	12.2	123.4	8.8	-7.3	4.8	305.9	336.9	11.3	89.9	4.5	291.
7.9	28.1	2252.0	775.0	12.6	11.4	183.6	4.7	0.3	4.7	307.3	337.9	11.0	92.8	4.7	292.
7.9	33.8	2527.6	750.0	11.2	9.2	190.0	6.8	1.2	6.7	308.7	336.1	9.8	87.3	4.8	295.
8.8	33.4	2810.8	725.0	9.4	7.5	201.2	6.1	2.9	7.6	309.7	335.3	9.1	88.4	4.9	300.
9.6	36.1	3101.6	700.0	7.0	6.1	214.1	18.6	6.0	8.8	310.2	334.3	8.5	94.0	4.9	305.
10.8	39.8	3400.3	675.0	5.6	0.8	222.6	16.3	11.0	12.0	311.9	329.5	6.0	71.3	4.9	317.
11.9	41.6	3708.9	650.0	4.1	-0.2	223.3	16.8	11.5	12.2	313.6	330.8	5.8	73.8	5.1	329.
13.0	44.4	4026.8	625.0	1.5	-2.4	223.9	17.4	12.0	12.5	314.1	329.4	5.2	75.5	5.5	340.
14.1	47.3	4354.7	600.0	-0.6	-4.0	231.3	16.9	13.2	10.6	315.4	329.7	4.8	78.0	6.1	351.
15.4	50.3	4655.0	575.0	-1.6	-8.9	232.7	17.2	13.7	10.4	318.1	328.6	3.4	57.4	6.7	0.
16.7	53.3	5048.2	550.0	-2.8	-9.9	237.4	19.6	16.5	10.6	320.8	331.1	3.3	58.0	7.7	9.
17.9	56.4	5416.4	525.0	-4.5	-10.3	242.7	21.5	19.2	9.9	323.0	333.5	3.3	64.0	8.7	17.
19.0	59.5	5795.7	500.0	-5.9	-18.8	241.9	21.8	19.2	10.3	325.9	331.7	1.7	35.4	9.8	23.
20.1	62.8	6159.3	475.0	-8.9	-15.0	239.2	21.9	18.9	11.2	326.9	334.5	2.3	57.0	10.9	28.
21.3	66.1	6615.6	450.0	-12.2	-16.1	235.2	21.4	17.6	12.2	327.6	335.8	2.4	72.9	12.3	31.
22.6	69.6	7050.3	425.0	-15.0	-20.2	233.8	22.4	18.1	13.2	329.7	333.3	1.1	37.9	13.9	34.
24.3	73.2	7505.9	400.0	-18.7	-27.8	231.7	25.9	20.4	16.1	330.7	334.1	1.0	44.3	16.1	37.
25.8	76.9	7983.1	375.0	-21.9	-25.1	219.0	25.2	15.9	19.6	332.6	337.2	1.3	75.2	18.6	38.
27.2	80.7	8488.9	350.0	-25.0	-28.8	205.0	19.4	8.2	17.6	335.1	338.7	1.0	69.9	20.3	38.
29.0	84.7	9023.1	325.0	-29.0	-33.6	198.0	19.6	6.0	18.6	336.7	339.2	0.7	64.0	22.2	36.
30.5	89.0	9589.9	300.0	-33.6	-38.6	194.1	20.4	5.0	19.8	338.0	339.6	0.4	60.4	23.9	34.
32.0	93.2	10194.1	275.0	-38.7	-44.3	190.4	21.0	3.8	20.6	339.2	340.2	0.3	55.3	25.7	33.
33.7	98.0	10841.1	250.0	-44.1	-49.9	192.1	22.7	4.8	22.2	340.4	340.9	99.9	999.9	27.7	31.
35.6	102.8	11538.8	225.0	-49.9	-57.0	191.9	26.3	5.4	25.8	342.0	342.0	99.9	999.9	30.4	29.
37.4	108.2	12296.8	200.0	-57.0	-64.4	200.2	27.3	9.4	25.6	342.6	342.6	99.9	999.9	33.2	28.
39.5	114.0	13127.9	175.0	-64.4	-69.9	216.4	28.6	17.0	23.0	343.7	343.7	99.9	999.9	36.5	28.
42.7	120.3	14057.1	150.0	-69.3	-69.9	222.6	36.6	24.7	26.9	350.7	349.9	99.9	999.9	43.1	30.
45.8	127.3	15153.8	125.0	-65.7	-65.7	245.4	31.4	28.6	13.1	376.1	376.1	99.9	999.9	49.1	33.
49.6	135.3	16520.9	100.0	-62.9	-62.9	259.9	99.9	99.9	99.9	406.2	406.2	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, OKLAHOMA20 MAY 1979
2300 GMT

128 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	10.6	422.0	559.0	21.5	17.1	10.0	2.0	-0.3	-2.0	298.2	332.3	12.9	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	11.5	503.5	950.0	15.2	13.4	67.8	6.0	-5.6	-2.3	296.7	323.9	10.3	68.9	0.3	223.
1.2	13.9	734.1	925.0	21.9	13.5	79.4	7.0	-7.3	-1.4	301.7	330.5	10.6	59.2	0.6	237.
2.0	16.3	972.7	900.0	21.8	12.3	109.1	4.2	-3.9	1.4	304.0	331.6	10.1	54.6	0.9	248.
3.1	18.8	1216.8	875.0	20.4	11.4	174.1	2.7	-0.3	2.7	305.0	331.9	9.8	56.4	0.9	256.
4.0	21.2	1466.9	850.0	18.7	9.4	182.3	4.2	0.2	4.2	305.8	330.1	8.8	54.5	0.9	268.
5.0	23.7	1722.7	825.0	17.0	8.1	187.5	5.8	0.8	5.7	306.4	329.7	8.3	55.6	0.9	288.
6.0	26.3	1984.7	800.0	15.1	7.3	198.2	7.8	2.4	7.4	307.2	329.9	8.1	59.7	1.0	310.
7.1	29.9	2252.9	775.0	12.9	7.6	196.5	5.4	2.7	9.0	307.7	331.5	8.5	70.1	1.3	334.
8.1	31.5	2522.3	750.0	11.1	4.9	193.5	7.6	1.8	7.4	308.7	329.3	7.3	65.2	1.8	346.
9.1	34.1	2810.6	725.0	8.7	3.7	194.1	5.5	1.4	5.4	309.0	328.7	6.9	70.7	2.1	350.
10.4	36.9	3100.5	700.0	6.6	5.1	214.3	5.4	3.1	4.5	309.8	332.2	7.9	90.1	2.5	354.
11.6	39.7	3398.9	675.0	5.1	3.6	241.8	7.3	6.5	3.5	311.3	332.6	7.4	90.3	2.8	3.
12.9	42.4	3707.2	650.0	3.8	0.1	248.3	9.1	8.5	3.4	313.2	330.7	6.0	77.1	3.1	13.
14.1	45.3	4025.0	625.0	1.5	-0.8	253.4	9.6	9.2	2.8	314.2	331.2	5.8	84.6	3.5	23.
15.2	48.2	4353.3	600.0	-0.2	-3.6	247.8	10.3	9.5	3.9	315.9	330.6	4.9	77.9	3.9	30.
16.2	51.1	4692.8	575.0	-2.8	-5.9	238.0	10.4	8.8	5.5	316.7	329.7	4.3	79.4	4.5	35.
17.4	54.1	5044.2	550.0	-4.7	-8.5	231.2	9.9	7.7	6.2	318.6	329.8	3.7	74.3	5.2	37.
18.6	57.3	5409.7	525.0	-6.0	-13.9	228.3	11.5	8.6	7.6	321.2	329.1	2.5	53.6	5.9	39.
19.9	60.4	5790.5	500.0	-8.3	-18.5	223.0	11.5	8.9	8.2	322.9	331.4	2.7	65.4	6.8	40.
21.2	63.7	6186.1	475.0	-11.7	-22.0	214.2	10.7	6.0	8.4	323.4	329.5	1.9	57.1	7.8	41.
22.6	67.1	6598.0	450.0	-14.8	-25.5	215.0	11.0	6.3	8.9	324.6	329.4	1.5	54.3	8.7	40.
23.9	70.6	7027.9	425.0	-17.8	-28.5	215.0	11.0	6.3	9.0	326.2	330.1	1.1	50.9	9.5	40.
25.2	74.1	7479.2	400.0	-20.7	-32.4	215.8	15.8	9.2	12.8	328.1	333.4	1.6	65.7	10.6	40.
26.4	77.8	7954.2	375.0	-24.0	-35.3	216.5	17.8	10.6	14.3	329.9	334.3	1.3	88.9	11.8	39.
28.2	81.7	8454.5	350.0	-27.2	-38.6	216.7	18.1	10.8	14.5	332.1	335.1	0.8	72.3	13.7	39.
29.8	85.7	8984.0	325.0	-31.5	-44.9	218.7	19.4	12.2	15.2	333.2	335.4	0.6	71.8	15.5	39.
31.3	89.8	9546.3	300.0	-35.5	-49.0	222.5	21.2	14.3	15.7	335.2	336.9	0.4	70.1	17.2	39.
32.7	94.2	10146.9	275.0	-40.0	-54.0	224.8	22.0	15.5	15.6	337.3	339.9	99.9	99.9	19.2	39.
34.5	98.8	10790.6	250.0	-45.3	-59.9	223.2	20.6	14.1	15.0	338.7	339.9	99.9	99.9	21.5	40.
36.7	103.8	11484.9	225.0	-51.5	-69.9	225.9	23.0	16.5	16.0	339.6	339.9	99.9	99.9	24.2	40.
39.1	109.0	12337.7	200.0	-58.2	-79.9	235.4	24.7	20.3	14.0	340.6	339.9	99.9	99.9	27.6	42.
41.3	114.7	13068.1	175.0	-63.5	-89.9	232.6	23.6	18.8	14.3	345.1	339.9	99.9	99.9	30.8	43.
44.2	121.2	14003.1	150.0	-68.7	-99.9	222.1	24.5	16.4	18.2	351.8	339.9	99.9	99.9	34.7	43.
47.5	128.2	15106.4	125.0	-65.7	-99.9	256.7	24.4	23.7	5.6	376.0	339.9	99.9	99.9	39.3	45.
51.9	136.3	16471.6	100.0	-61.0	-99.9	99.9	99.9	99.9	99.9	409.9	339.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, OKLAHOMA21 MAY 1979
206 GMT

117 135. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	10.4	422.0	560.7	20.8	18.2	40.0	3.0	-1.9	-2.3	297.3	333.7	13.8	85.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	11.3	519.0	950.0	19.1	17.5	36.6	8.2	-4.9	-6.6	296.6	331.5	13.4	90.3	0.3	214.
1.4	13.7	748.6	925.0	18.0	16.9	30.9	7.4	-5.7	-4.7	297.7	332.5	13.2	93.3	0.6	218.
2.4	16.2	983.2	500.0	16.3	15.0	52.5	9.3	-7.4	-5.7	298.4	330.2	12.0	91.7	1.1	226.
3.6	19.7	1223.2	875.0	15.2	13.6	49.8	10.4	-8.0	-6.7	299.6	329.8	11.3	90.1	1.8	227.
4.6	21.2	1465.3	850.0	14.7	11.9	50.9	6.4	-6.5	-5.3	301.6	329.7	10.4	83.6	2.5	228.
5.6	23.8	1722.2	825.0	13.4	11.8	51.7	4.6	-5.6	-2.9	302.8	331.6	10.6	89.6	2.8	229.
6.6	26.3	1981.6	800.0	12.3	11.4	72.4	4.4	-5.1	-1.3	304.2	333.6	10.7	94.2	3.0	229.
7.4	29.0	2248.1	775.0	10.8	9.8	101.5	6.7	-6.6	1.3	305.4	332.7	9.9	93.7	3.3	232.
8.1	31.5	2521.5	750.0	8.7	7.9	113.6	7.9	-7.3	3.2	306.1	331.0	9.0	94.2	3.4	236.
8.7	34.2	2802.2	725.0	7.1	6.2	123.8	9.4	-7.8	5.2	307.3	330.5	8.3	94.0	3.6	241.
9.5	36.9	3091.2	700.0	6.0	5.2	141.3	10.1	-8.3	7.9	309.2	331.7	8.0	94.4	3.8	247.
10.2	39.8	3389.2	675.0	4.6	3.4	158.5	10.9	-8.0	10.2	310.6	331.6	7.3	92.1	3.9	254.
11.0	42.6	3696.9	650.0	2.9	1.7	167.9	12.0	-8.5	11.7	312.2	331.7	6.7	91.7	3.9	262.
11.7	45.4	4013.6	625.0	0.4	-0.6	178.8	13.5	-8.3	13.5	313.0	330.1	5.9	92.4	3.9	270.
12.6	48.4	4341.0	600.0	-1.2	-2.2	191.4	14.2	-8.8	13.9	314.7	330.8	5.4	93.0	3.9	281.
13.5	51.4	4680.9	575.0	-1.8	-3.6	197.4	14.0	-9.0	13.3	317.2	333.3	5.1	88.0	3.9	292.
14.0	54.4	5034.1	550.0	-3.5	-5.8	201.4	14.0	-9.1	13.1	319.5	333.8	4.5	84.3	4.0	298.
14.8	57.5	5401.0	525.0	-6.1	-8.8	214.5	13.5	-7.6	11.1	321.1	332.8	3.7	80.7	4.1	308.
16.4	60.8	5781.7	500.0	-8.2	-11.3	225.3	11.8	-8.4	8.3	323.1	333.2	3.2	77.8	4.2	325.
18.7	64.0	6178.6	475.0	-10.3	-13.8	229.0	11.5	-8.7	7.5	325.2	334.1	2.8	75.3	4.7	344.
20.2	67.4	6593.4	450.0	-12.9	-16.6	233.7	12.6	-10.2	7.5	327.1	334.7	2.3	73.5	5.2	355.
21.6	70.9	7027.4	425.0	-15.5	-19.5	242.5	11.2	-9.9	5.1	329.1	335.4	1.9	71.7	5.8	5.
23.1	74.5	7482.7	400.0	-18.7	-22.8	255.1	9.7	-9.4	2.5	330.7	335.9	1.5	69.5	6.2	12.
24.6	78.3	7950.9	375.0	-21.9	-26.3	254.7	9.7	-9.4	2.6	332.6	336.7	1.2	67.4	6.6	19.
26.2	82.1	8465.2	350.0	-25.6	-30.2	249.5	12.0	-11.2	4.2	334.2	337.3	0.9	65.2	7.3	25.
27.9	86.2	8977.9	325.0	-29.6	-34.5	240.4	13.7	-11.9	6.8	335.8	338.1	0.6	62.5	8.3	31.
29.8	90.3	9553.4	300.0	-34.5	-39.4	241.1	19.0	-16.6	9.2	336.8	338.3	0.4	60.1	9.9	36.
31.9	94.8	10106.1	275.0	-38.9	-44.0	238.4	22.7	-19.4	11.9	338.6	339.9	0.3	58.0	12.5	41.
34.2	99.4	10812.0	250.0	-44.8	-50.9	237.5	23.9	-19.2	14.2	339.6	339.9	99.9	99.9	15.5	44.
36.4	104.4	11507.7	225.0	-50.7	-57.9	227.7	26.9	-19.9	18.1	340.6	339.9	99.9	99.9	18.8	45.
38.9	109.6	12262.0	200.0	-57.9	-59.9	223.2	33.1	-22.7	24.1	341.1	339.9	99.9	99.9	23.4	45.
43.5	115.6	13059.5	175.0	-63.7	-67.1	224.4	32.8	-23.0	23.5	344.6	339.9	99.9	99.9	33.2	45.
49.6	122.0	14028.6	150.0	-67.1	-69.9	224.4	32.8	-23.0	23.5	344.6	339.9	99.9	99.9	41.3	45.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, OKLAHOMA21 MAY 1979
505 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	422.0	963.2	18.6	17.4	40.0	7.0	-4.5	-5.4	294.9	329.1	13.2	93.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	11.4	540.8	950.0	17.7	16.9	67.9	13.9	-12.9	-5.2	295.1	328.7	12.9	95.1	0.5	252.0
1.2	13.8	768.9	925.0	16.2	15.4	76.4	15.0	-14.6	-3.5	295.9	327.4	12.0	95.0	1.2	254.0
2.3	16.3	1002.1	900.0	15.1	14.1	77.2	12.6	-12.3	-2.8	297.1	327.0	11.3	93.4	2.1	255.0
3.3	18.8	1241.1	875.0	14.1	12.1	105.7	6.9	-6.6	1.9	298.4	325.7	10.2	87.7	2.7	257.0
4.3	21.3	1486.2	850.0	13.6	10.7	163.4	3.1	-0.9	3.0	300.4	326.3	9.6	82.3	2.8	261.0
5.3	23.8	1738.0	825.0	12.7	10.9	218.4	1.5	0.9	1.2	302.0	329.2	10.0	89.0	2.8	263.0
6.3	26.3	1958.6	800.0	11.6	9.7	240.4	3.0	2.6	1.5	303.5	329.6	9.5	88.3	2.7	264.0
7.4	28.9	2262.1	775.0	10.1	7.4	238.4	6.0	5.1	3.2	304.7	328.0	8.4	83.5	2.5	267.0
8.4	31.6	2534.6	750.0	8.3	6.3	244.6	7.7	7.0	3.3	305.6	328.1	8.1	87.3	2.0	272.0
9.5	34.2	2814.5	725.0	6.6	5.7	249.6	8.1	7.6	2.8	306.7	328.0	8.0	93.9	1.6	280.0
10.6	36.9	3102.3	700.0	4.8	4.0	260.6	9.5	9.4	1.6	307.8	328.5	7.3	94.2	1.1	293.0
11.9	39.8	3398.2	675.0	2.2	1.4	275.3	10.6	10.6	-1.0	308.1	326.1	6.3	95.1	0.5	339.0
13.1	42.6	3702.8	650.0	0.5	-0.0	286.4	10.8	10.4	-3.1	309.6	326.6	5.9	96.3	0.6	58.0
14.5	45.4	4018.1	625.0	0.1	-0.4	282.8	12.4	12.1	-2.7	312.5	329.9	6.0	96.4	1.5	88.0
16.0	48.4	4344.7	600.0	-1.7	-2.4	276.7	12.7	12.6	-1.5	314.2	330.0	5.4	95.1	2.6	94.0
17.4	51.4	4653.1	575.0	-3.3	-4.3	263.9	11.8	11.8	1.3	316.1	330.6	4.8	92.8	3.7	93.0
18.8	54.4	5034.1	550.0	-5.2	-6.5	256.6	11.5	11.2	2.7	317.9	331.0	4.3	90.8	4.6	90.0
20.1	57.5	5398.7	525.0	-7.3	-9.0	263.3	11.9	11.8	1.4	319.6	331.1	3.7	88.1	5.5	88.0
21.8	60.8	5777.8	500.0	-9.4	-11.3	262.3	12.5	12.4	1.7	321.6	331.7	3.2	86.2	6.7	88.0
23.1	64.0	6172.9	475.0	-11.7	-13.7	248.9	11.5	10.5	4.7	323.4	332.4	2.8	85.5	7.7	86.0
24.6	67.4	6585.8	450.0	-13.9	-15.7	239.6	12.5	10.7	6.3	325.7	333.8	2.5	86.7	8.6	83.0
26.1	70.9	7017.8	425.0	-16.9	-18.8	231.6	12.5	9.8	7.8	327.3	334.0	2.0	85.0	9.7	80.0
27.7	74.4	7471.0	400.0	-19.7	-21.7	217.5	12.1	7.4	9.6	329.4	335.1	1.7	83.9	10.6	77.0
29.5	78.1	7947.2	375.0	-23.0	-25.4	214.1	11.5	6.5	9.6	331.2	335.6	1.3	80.9	11.6	72.0
31.3	82.0	8449.0	350.0	-26.7	-29.1	215.8	13.2	7.7	10.7	332.8	336.2	1.0	79.6	12.6	69.0
33.3	86.0	8979.5	325.0	-30.8	-33.8	210.5	16.4	8.3	14.1	334.3	336.7	0.7	74.7	14.1	64.0
35.3	90.2	9542.6	300.0	-35.4	-38.9	207.2	18.7	8.5	16.6	335.5	337.1	0.4	70.4	15.9	60.0
37.5	94.6	10142.6	275.0	-40.4	-43.9	206.6	19.4	8.7	17.3	336.7	337.1	99.9	99.9	18.1	56.0
39.6	99.3	10785.4	250.0	-46.0	-49.9	206.1	22.6	9.9	20.3	337.7	337.7	99.9	99.9	20.4	52.0
42.1	104.2	11476.4	225.0	-52.1	-59.9	202.6	25.6	9.8	23.6	338.7	338.7	99.9	99.9	23.7	48.0
45.0	109.6	12228.2	200.0	-57.9	-67.9	204.0	26.5	10.8	24.2	341.1	339.9	99.9	99.9	28.0	44.0
47.8	115.5	13052.1	175.0	-63.8	-73.8	222.6	30.8	20.9	22.7	344.7	339.9	99.9	99.9	32.7	42.0
52.0	121.7	13993.2	150.0	-67.9	-79.9	225.3	36.5	26.0	25.7	353.1	339.9	99.9	99.9	41.2	43.0
57.6	129.0	15054.4	125.0	-65.8	-59.9	247.9	34.3	31.8	12.9	375.8	339.9	99.9	99.9	53.6	46.0
63.7	137.0	16476.5	100.0	-64.8	-59.9	247.9	99.9	99.9	99.9	402.5	339.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, OKLAHOMA

21 MAY 1979
805 GMT

129 92. 0

TIME MIN	CNTCT	WEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KN	AZ DG
0.0	13.6	422.0	961.4	18.0	16.5	50.0	3.0	-2.3	-1.9	294.5	326.8	12.4	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	59.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	59.9	999.9	999.9	999.9
0.2	11.4	524.5	950.0	17.4	16.3	69.0	8.7	-8.1	-3.1	294.9	327.2	12.4	93.1	0.4	228.
1.1	13.9	752.6	925.0	16.2	14.7	72.8	11.0	-10.5	-3.2	295.9	328.1	11.5	90.7	0.7	238.
1.8	16.3	987.1	900.0	17.3	11.2	72.7	10.7	-10.2	-3.2	299.4	328.6	9.4	67.2	1.2	245.
2.6	18.7	1227.8	875.0	16.3	11.2	73.4	7.1	-6.9	-1.8	300.7	328.9	9.7	72.1	1.7	247.
3.5	21.2	1474.1	850.0	14.8	8.3	114.9	4.4	-4.0	1.8	301.8	329.0	8.1	65.2	1.9	249.
4.4	23.7	1727.0	825.0	14.4	8.4	193.1	2.8	0.6	2.8	303.8	327.1	8.4	67.1	2.0	254.
5.3	26.2	1987.1	800.0	14.3	5.1	264.1	1.8	1.8	0.2	306.5	326.0	6.9	53.9	1.9	256.
6.0	28.7	2255.1	775.0	13.0	2.9	286.8	3.8	3.7	-1.1	307.8	325.2	6.1	50.2	1.8	254.
6.9	31.3	2529.9	750.0	10.8	1.8	292.2	6.6	6.1	-2.5	308.3	325.0	5.8	53.7	1.6	248.
7.9	33.9	2811.9	725.0	8.8	0.2	304.2	7.3	6.1	-4.1	309.2	324.8	5.4	54.7	1.3	234.
8.8	36.6	3101.8	700.0	6.9	-1.4	306.4	7.9	6.4	-4.7	310.2	324.7	5.0	55.4	1.3	218.
9.7	39.3	3395.8	675.0	4.6	-1.8	299.4	11.0	9.5	-5.4	310.8	325.4	5.0	63.2	1.3	195.
10.6	42.0	3706.3	650.0	2.6	-6.0	290.7	12.6	11.7	-4.4	311.9	323.1	3.8	53.0	1.6	171.
11.7	44.9	4022.8	625.0	0.7	-8.8	286.0	13.3	12.8	-3.6	313.2	322.8	3.1	48.8	2.1	150.
12.7	47.8	4349.3	600.0	-1.6	-7.8	283.4	13.7	13.3	-3.2	314.3	325.1	3.6	62.4	2.8	137.
13.9	50.7	4687.2	575.0	-3.9	-10.3	283.7	14.9	14.5	-3.5	315.4	324.7	3.0	60.8	3.6	129.
15.0	53.7	5036.8	550.0	-6.5	-12.9	278.4	15.6	15.4	-2.3	316.4	324.4	2.6	60.5	4.6	123.
16.2	56.8	5398.9	525.0	-9.0	-13.1	269.4	16.7	16.7	0.2	317.6	325.9	2.7	72.3	5.6	117.
17.3	59.9	5774.7	500.0	-11.7	-13.7	255.2	14.1	13.6	3.6	318.6	327.1	2.7	85.0	6.5	112.
18.5	63.1	6167.2	475.0	-13.3	-14.9	231.4	10.0	7.8	6.2	321.6	329.6	2.5	87.6	7.1	107.
19.7	66.5	6577.0	450.0	-16.4	-18.8	227.5	18.1	7.4	6.8	322.6	328.9	1.9	82.3	7.4	102.
20.9	69.9	7004.5	425.0	-19.8	-21.0	227.4	13.1	9.6	8.9	323.6	329.0	1.7	90.0	7.9	98.
22.2	73.4	7452.0	400.0	-22.3	-41.1	212.1	18.0	9.6	15.2	326.8	327.0	0.3	16.3	8.6	91.
23.8	77.1	7925.3	375.0	-24.2	-46.1	209.5	20.1	9.9	17.5	329.6	330.2	0.2	11.1	9.6	81.
25.3	80.9	8424.2	350.0	-28.5	-49.2	215.2	22.8	13.1	18.6	330.4	330.8	0.1	11.5	11.0	73.
27.1	84.9	8950.3	325.0	-32.9	-52.5	221.2	26.4	17.3	19.8	331.4	331.7	0.1	11.9	13.4	67.
29.0	89.0	9507.7	300.0	-37.6	-56.0	218.3	28.9	16.7	21.2	332.4	332.6	0.1	12.4	15.9	62.
30.9	93.4	10102.1	275.0	-42.3	99.9	219.2	31.4	19.9	24.3	333.9	999.9	99.9	999.9	19.1	58.
33.0	98.0	10740.2	250.0	-46.8	99.9	217.4	32.9	20.0	26.1	336.4	999.9	99.9	999.9	23.1	55.
35.5	103.0	11429.7	225.0	-52.6	99.9	216.3	32.5	19.3	26.2	337.9	999.9	99.9	999.9	27.7	51.
38.0	108.2	12182.6	200.0	-57.2	99.9	220.0	32.9	21.2	25.2	342.1	999.9	99.9	999.9	32.5	49.
40.4	114.0	13014.9	175.0	-63.5	99.9	225.4	35.2	25.1	24.7	345.2	999.9	99.9	999.9	37.3	49.
42.9	120.3	13953.7	150.0	-65.9	99.9	231.3	35.1	27.4	22.0	356.6	999.9	99.9	999.9	42.5	48.
46.6	127.3	15074.3	125.0	-63.0	99.9	246.5	28.9	26.5	11.5	381.0	999.9	99.9	999.9	49.8	50.
51.0	135.3	16461.2	100.0	-61.8	99.9	999.9	99.9	99.9	99.9	408.4	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
 ALTUS, OKLAHOMA

 21 MAY 1979
 1105 GMT

129 94. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEV PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE AZ KM
0.0	10.3	422.0	962.9	17.7	16.0	30.0	1.0	-0.5	-0.9	294.0	325.3	12.0	90.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
0.4	11.4	538.0	950.0	17.8	16.5	51.2	4.2	-2.2	-2.6	295.3	328.2	12.6	92.1	0.1
1.3	13.7	766.2	925.0	16.2	14.9	71.7	5.1	-4.8	-1.6	295.8	326.4	11.6	92.4	0.4
2.1	15.1	999.4	900.0	15.1	13.9	107.6	6.8	-6.5	2.1	297.1	326.7	11.2	92.7	0.6
3.0	16.5	1238.3	875.0	14.1	12.2	105.5	6.8	-5.6	1.8	298.4	325.9	10.3	88.3	1.0
4.0	21.0	1483.1	850.0	13.4	10.4	75.8	5.8	-5.6	-1.4	300.2	325.6	9.4	81.9	1.3
4.9	23.5	1734.5	825.0	12.3	7.1	59.7	2.6	-2.2	-1.3	301.6	322.7	7.7	70.6	1.6
5.9	26.0	1991.9	800.0	10.4	6.6	68.3	0.9	-0.8	-0.3	302.2	323.4	7.7	77.4	1.6
6.8	28.5	2256.1	775.0	8.4	7.1	29.8	1.2	-0.6	-1.1	302.8	325.4	8.2	91.3	1.7
7.8	31.1	2527.8	750.0	7.7	0.2	356.7	2.9	0.2	-1.9	305.5	325.3	6.9	73.8	1.7
9.0	33.8	2808.3	725.0	7.7	0.2	356.7	2.9	0.2	-2.9	308.0	323.5	5.4	59.0	1.7
10.1	36.4	3056.8	700.0	5.5	-0.5	333.8	4.1	1.8	-3.7	308.5	323.8	5.3	65.3	1.7
11.2	39.2	3393.6	675.0	3.2	-0.3	316.6	6.4	4.4	-4.6	309.2	325.2	5.6	77.9	1.7
12.4	41.9	3698.9	650.0	1.7	-4.2	306.2	7.3	5.9	-4.3	311.0	323.8	4.3	65.0	1.6
13.6	44.8	4014.4	625.0	-0.6	-6.6	296.5	7.3	6.5	-3.2	311.7	322.9	3.7	64.1	1.6
14.7	47.6	4339.7	600.0	-2.8	-8.4	280.8	7.6	7.5	-1.4	312.9	323.1	3.4	65.4	1.6
16.0	50.6	4676.0	575.0	-4.8	-10.5	273.1	8.4	8.3	-0.5	314.3	323.5	3.0	64.5	1.8
17.2	53.6	5024.1	550.0	-7.4	-18.6	267.9	9.4	9.4	0.4	315.3	320.5	1.7	41.6	2.1
18.4	56.6	5385.8	525.0	-8.8	-22.9	266.8	9.6	9.6	0.5	317.2	321.6	1.2	31.0	2.5
19.8	59.9	5761.8	500.0	-10.8	-44.4	267.5	11.2	11.2	0.5	319.9	320.4	0.1	4.4	3.1
21.1	63.1	6153.8	475.0	-13.4	-56.3	263.8	13.8	13.7	1.5	321.3	321.5	0.0	1.8	4.0
22.7	66.5	6562.5	450.0	-16.8	-44.5	261.6	14.8	14.6	2.2	322.1	322.7	0.2	7.5	5.2
24.1	69.9	6982.8	425.0	-20.1	-45.9	258.1	14.4	14.1	3.0	323.2	323.7	0.1	7.9	6.4
25.8	73.4	7434.4	400.0	-24.1	-46.6	260.3	12.2	12.0	2.1	323.7	324.2	0.1	10.4	7.6
27.5	77.2	7901.7	375.0	-27.9	-60.6	267.6	10.8	10.8	0.4	324.7	324.8	0.0	2.7	8.8
29.2	81.1	8353.5	350.0	-31.4	-41.2	243.7	12.9	11.6	5.7	326.4	327.5	0.3	37.9	9.9
31.0	85.0	8914.6	325.0	-34.8	-37.5	213.5	16.4	9.0	13.7	328.8	330.4	0.5	75.8	10.9
33.2	89.2	9471.3	300.0	-36.9	-44.1	216.4	20.6	12.2	16.6	333.4	334.3	0.2	46.7	12.4
34.9	93.7	10066.7	275.0	-42.3	99.9	218.0	25.4	15.6	20.0	333.9	999.9	99.9	999.9	14.3
36.9	98.3	10704.4	250.0	-47.5	99.9	219.3	31.4	19.9	24.3	335.4	599.9	99.9	999.9	17.3
39.3	103.3	11392.4	225.0	-52.2	99.9	223.7	33.8	23.3	24.4	338.6	999.9	99.9	999.9	21.9
42.0	109.6	12148.9	200.0	-55.1	99.9	232.2	31.6	25.0	19.3	345.5	999.9	99.9	999.9	27.2
44.7	114.5	12991.1	175.0	-61.0	99.9	235.8	28.3	23.4	15.9	349.2	999.9	99.9	999.9	31.7
49.0	120.7	13944.9	150.0	-62.1	99.9	235.8	27.4	22.7	15.4	363.0	999.9	99.9	999.9	37.4
51.7	129.0	15073.7	125.0	-60.7	99.9	256.7	23.2	22.6	5.4	385.1	999.9	99.9	999.9	42.9
55.8	136.0	16449.7	100.0	-61.2	99.9	999.9	99.9	99.9	99.9	409.5	999.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS

20 MAY 1979
1105 GMT

123 93. 0

TIME MIN	CHTCY	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	735.0	925.9	16.2	14.2	360.0	2.0	0.0	-2.0	295.5	325.0	11.1	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	13.7	743.3	925.0	16.2	14.4	357.9	3.1	0.1	-3.1	295.5	325.6	11.3	89.3	0.0	29.
0.8	16.1	976.9	900.0	15.0	14.0	354.1	6.4	0.7	-6.3	297.6	326.9	11.3	93.9	0.3	164.
1.6	18.5	1218.8	875.0	20.4	12.6	1.2	3.5	-0.1	-3.0	305.0	334.1	10.6	61.1	0.5	172.
2.6	20.9	1465.4	850.0	20.0	11.0	337.5	3.2	1.2	-3.0	307.1	334.3	9.8	55.9	0.7	172.
3.5	23.3	1726.9	825.0	19.0	10.0	295.2	4.9	4.4	-2.1	308.7	335.1	9.4	55.7	0.8	165.
4.3	25.8	1990.8	800.0	17.9	5.2	262.4	8.3	8.2	1.1	310.2	330.2	7.0	43.2	1.0	146.
5.2	28.3	2261.6	775.0	15.5	3.5	252.0	10.1	9.6	3.1	310.5	328.9	6.4	44.3	1.3	123.
6.1	30.8	2538.8	750.0	13.4	2.8	244.6	10.5	9.5	4.5	311.2	329.3	6.3	48.5	1.7	107.
7.1	33.4	2823.4	725.0	11.3	1.7	241.2	10.4	9.1	5.0	311.9	329.3	6.0	51.4	2.1	95.
8.0	36.1	3115.5	700.0	9.1	-3.9	242.1	9.4	8.3	4.4	312.6	328.8	4.1	39.6	2.6	88.
9.0	38.8	3415.7	675.0	6.7	-4.5	236.4	8.3	6.9	4.6	313.2	328.3	4.1	44.3	3.1	84.
10.0	41.4	3724.3	650.0	3.8	-5.2	227.1	7.1	5.2	4.8	313.3	325.4	4.0	51.8	3.5	80.
11.0	44.3	4041.4	625.0	0.8	-5.5	219.3	6.3	4.0	4.9	313.4	325.5	4.1	62.5	3.8	76.
12.0	47.1	4367.7	600.0	-1.9	-12.9	225.6	5.9	4.2	4.1	314.0	321.3	2.4	42.6	4.1	73.
13.1	50.0	4704.7	575.0	-4.2	-21.6	231.3	7.0	5.4	4.4	315.1	318.9	1.2	24.2	4.5	71.
14.2	53.0	5054.1	550.0	-5.9	-29.8	231.9	11.8	9.3	7.3	317.1	319.1	0.6	13.0	5.0	69.
15.5	56.0	5417.6	525.0	-7.4	-48.0	233.1	16.3	13.1	9.8	319.6	319.9	0.1	2.2	6.1	66.
16.6	59.1	5796.0	500.0	-9.4	-44.1	229.1	17.5	13.3	11.5	321.6	325.3	1.1	29.1	7.3	64.
17.9	62.4	6191.0	475.0	-11.3	-42.3	230.2	16.6	12.7	10.6	324.0	324.8	0.2	6.3	8.5	61.
19.2	65.6	6603.3	450.0	-14.7	-47.2	235.1	15.8	12.3	8.6	324.8	325.3	0.1	4.5	9.8	60.
20.6	69.0	7032.4	425.0	-18.9	-46.0	236.2	13.6	11.3	7.6	324.7	325.3	0.1	7.0	11.0	60.
22.0	72.4	7480.4	400.0	-23.0	-42.3	233.6	13.4	10.8	8.0	325.1	326.0	0.2	15.1	12.1	59.
23.5	76.0	7948.9	375.0	-27.0	-28.5	223.6	16.3	11.2	11.8	325.2	329.1	1.0	87.4	13.3	59.
25.2	79.8	8443.0	350.0	-30.7	-32.7	214.1	19.8	11.1	16.4	327.4	329.8	0.7	82.3	15.1	56.
26.9	83.7	8965.8	325.0	-34.8	-36.8	217.4	28.9	15.1	19.8	328.2	330.6	0.5	81.2	17.1	53.
28.6	87.9	9518.6	300.0	-39.9	99.9	220.7	28.7	18.7	21.8	329.1	99.9	99.9	99.9	19.9	51.
30.9	92.0	10109.0	275.0	-43.2	99.9	221.7	32.1	21.3	24.0	332.6	99.9	99.9	99.9	24.0	50.
33.4	96.6	10744.4	250.0	-47.8	99.9	227.0	35.3	25.8	24.1	335.0	99.9	99.9	99.9	29.0	49.
36.0	101.4	11432.2	225.0	-52.7	99.9	229.5	38.8	29.5	25.2	337.2	99.9	99.9	99.9	34.8	49.
38.8	106.4	12184.2	200.0	-57.7	99.9	232.1	38.0	29.9	23.3	341.4	99.9	99.9	99.9	41.3	49.
41.5	112.0	13014.0	175.0	-64.1	99.9	235.0	32.3	26.4	18.5	344.1	99.9	99.9	99.9	47.4	50.
44.9	118.0	13951.3	150.0	-66.7	99.9	228.5	29.4	22.0	19.5	355.1	99.9	99.9	99.9	53.2	50.
49.3	125.0	15068.5	125.0	-62.8	99.9	237.3	24.1	20.3	13.0	381.3	99.9	99.9	99.9	60.3	50.
54.3	132.7	16436.1	100.0	-65.1	99.9	99.9	99.9	99.9	99.9	402.1	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS20 MAY 1979
1407 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	735.0	928.0	17.7	14.6	10.0	4.0	-0.7	-3.9	297.1	327.2	11.4	82.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	14.0	762.7	925.0	16.0	15.0	9.9	9.2	-1.6	-0.0	295.7	326.4	11.7	93.5	0.1	196.0
1.0	16.4	996.0	900.0	14.6	13.7	14.2	8.9	-2.2	-2.6	296.5	325.8	11.1	94.8	0.4	192.0
1.7	18.8	1234.4	875.0	13.5	12.7	22.4	9.6	-3.7	-8.9	297.6	326.1	10.6	94.6	0.8	196.0
2.7	21.2	1480.0	850.0	16.0	9.3	27.8	9.6	-3.2	-0.0	303.0	326.9	8.7	64.4	1.2	200.0
3.5	23.7	1734.1	825.0	16.0	9.7	39.4	4.6	-2.9	-3.5	305.2	331.0	9.2	66.1	1.5	201.0
4.5	26.2	1936.2	800.0	15.8	7.6	74.2	3.4	-3.3	-0.9	308.0	331.3	8.3	58.3	1.6	206.0
5.5	28.8	2245.6	775.0	14.4	5.3	59.2	2.2	-1.9	-1.1	309.8	330.0	7.3	54.5	1.8	211.0
6.5	31.4	2542.0	750.0	12.2	2.4	132.7	1.9	-1.4	1.3	309.8	327.4	6.1	51.3	1.8	211.0
7.4	34.1	2824.8	725.0	7.6	-11.3	219.1	4.5	2.8	3.5	307.8	314.5	2.2	24.8	1.6	210.0
8.5	36.8	3116.2	700.0	9.9	-11.9	217.0	5.3	3.2	4.2	313.4	320.2	2.2	20.2	1.3	208.0
9.6	39.6	3416.5	675.0	6.9	-12.0	218.8	4.7	2.9	3.7	313.4	320.4	2.3	24.5	1.0	205.0
10.6	42.3	3725.3	650.0	4.3	-9.3	222.1	3.7	2.5	2.7	313.9	322.8	2.9	36.3	0.7	199.0
11.9	45.1	4043.0	625.0	1.4	-8.4	227.6	3.7	2.7	2.5	314.1	324.0	3.2	47.7	0.5	187.0
13.1	48.0	4370.0	600.0	-1.7	-9.5	229.6	3.5	2.5	2.4	314.1	323.6	3.1	55.5	0.4	155.0
14.4	51.0	4707.2	575.0	-4.4	-12.0	237.2	3.4	2.9	1.8	314.9	325.0	3.3	68.8	0.4	118.0
15.7	54.0	5055.9	550.0	-6.8	-13.4	236.8	6.4	7.0	4.6	316.1	323.8	2.5	59.3	0.7	89.0
17.1	57.1	5419.2	525.0	-7.5	-13.4	225.7	13.4	9.6	9.4	319.2	320.1	0.2	4.2	1.5	66.0
18.6	60.3	5757.5	500.0	-5.3	-22.8	225.2	14.5	10.3	10.2	321.7	325.8	1.2	32.4	2.8	56.0
20.1	63.6	6191.9	475.0	-12.4	-27.7	222.2	13.3	8.9	9.8	322.6	326.9	1.3	42.0	4.1	52.0
21.4	66.9	6602.5	450.0	-15.9	-23.3	209.7	14.0	6.9	12.2	323.2	327.6	1.3	52.8	5.1	49.0
23.1	70.4	7030.7	425.0	-19.4	-29.5	201.3	14.2	5.2	13.3	324.2	326.8	0.8	39.9	6.3	44.0
24.7	74.0	7478.2	400.0	-23.2	-29.4	212.9	15.2	8.3	12.8	324.6	327.7	0.8	56.6	7.7	40.0
26.3	77.7	7947.2	375.0	-26.9	-33.6	226.5	17.4	12.6	12.0	324.0	328.1	0.6	53.2	9.3	41.0
29.3	81.5	8441.2	350.0	-30.6	-38.7	228.0	21.1	15.7	14.1	327.6	329.0	0.4	45.1	11.5	42.0
30.1	85.5	8963.9	325.0	-34.3	-40.4	226.9	24.7	18.0	16.9	329.5	333.7	0.3	53.6	14.0	43.0
32.1	89.7	9518.1	300.0	-35.1	-43.6	224.0	27.8	19.3	20.0	330.3	330.9	0.2	35.5	17.1	43.0
34.4	94.2	10109.5	275.0	-43.4	-49.9	220.2	33.3	21.5	25.5	332.4	999.9	99.9	999.9	21.2	43.0
36.7	98.8	10744.9	250.0	-47.8	-52.3	220.2	35.5	22.9	27.1	335.0	999.9	99.9	999.9	25.9	42.0
39.5	103.8	11434.4	225.0	-52.3	-59.9	221.2	39.9	26.3	30.0	338.4	999.9	99.9	999.9	32.5	42.0
42.6	109.2	12186.6	200.0	-57.7	-67.9	227.6	37.2	27.5	25.1	341.5	999.9	99.9	999.9	39.6	42.0
45.8	115.0	13019.4	175.0	-62.2	-69.9	231.1	32.3	25.2	20.3	347.3	999.9	99.9	999.9	46.2	44.0
49.6	121.5	13965.3	150.0	-65.8	-69.9	224.9	29.1	20.5	20.6	356.7	999.9	99.9	999.9	52.9	44.0
53.6	128.7	15085.1	125.0	-62.1	-69.9	239.3	19.0	16.4	9.7	382.6	999.9	99.9	999.9	58.8	45.0
58.8	136.7	16467.8	100.0	-60.5	-69.9	239.9	99.9	99.9	99.9	410.8	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS20 MAY 1979
1717 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	735.0	929.6	20.9	14.3	10.0	5.0	-0.9	-4.9	300.3	330.1	11.1	66.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	13.3	777.8	925.0	18.0	15.1	7.2	6.7	-0.8	-6.7	297.7	320.9	11.8	83.3	0.2	177.
1.0	15.7	1012.4	900.0	16.0	15.0	11.7	7.1	-1.4	-7.0	298.0	329.9	12.1	93.8	0.4	182.
1.7	18.1	1251.6	875.0	14.0	13.3	30.4	8.6	-4.4	-7.4	298.4	327.9	11.1	95.6	0.7	189.
2.6	20.6	1497.0	850.0	13.3	12.6	43.2	9.9	-6.7	-7.2	300.1	329.3	10.9	95.8	1.2	202.
3.6	23.2	1748.4	825.0	12.3	10.9	39.6	7.9	-5.0	-6.1	301.4	328.9	10.0	91.3	1.7	208.
4.5	25.7	2007.9	800.0	13.8	8.2	52.8	6.4	-5.1	-3.9	305.9	328.8	8.6	69.2	2.1	211.
5.5	28.3	2275.7	775.0	12.6	7.7	93.5	4.7	-4.6	0.3	307.4	331.3	8.6	72.0	2.4	215.
6.5	30.9	2551.0	750.0	11.9	5.0	132.5	4.6	-3.4	3.1	309.4	330.5	7.3	62.5	2.4	222.
7.5	33.6	2834.7	725.0	10.8	-3.9	168.5	7.4	-1.5	7.2	311.3	323.2	4.0	35.6	2.3	230.
8.6	36.3	3126.4	700.0	9.4	-8.6	193.8	7.5	1.8	7.3	312.9	321.6	2.9	27.3	2.0	240.
9.7	39.1	3426.6	675.0	6.8	-7.8	196.7	7.5	2.1	7.1	313.2	322.8	3.1	34.3	1.6	252.
10.9	41.9	3735.4	650.0	4.7	-11.1	187.3	7.3	0.9	7.2	314.3	322.1	2.5	30.8	1.5	269.
12.1	44.7	4053.6	625.0	1.9	-11.8	193.5	7.5	1.8	7.3	314.6	322.3	2.5	35.5	1.5	290.
13.1	47.6	4381.2	600.0	-1.1	-12.8	205.5	7.9	3.4	7.1	314.9	322.3	2.4	40.5	1.6	309.
14.4	50.6	4719.1	575.0	-4.1	-12.6	213.2	9.0	4.9	7.5	315.2	323.0	2.5	51.2	1.8	330.
15.7	53.6	5069.0	550.0	-5.6	-13.1	212.0	10.1	5.4	8.6	317.5	325.4	2.5	55.8	2.2	347.
17.1	56.8	5432.3	525.0	-8.7	-10.0	207.4	11.7	5.4	10.4	318.0	328.5	3.4	90.1	2.9	359.
18.5	60.0	5808.7	500.0	-10.7	-21.0	201.8	12.7	4.7	11.8	320.0	324.7	1.4	42.3	3.9	6.
20.3	63.3	6200.7	475.0	-13.9	-24.1	199.5	13.4	4.5	12.7	320.7	324.6	1.2	42.9	5.3	9.
22.1	66.7	6610.2	450.0	-16.0	-22.8	212.9	11.2	6.1	9.4	323.1	327.6	1.4	55.6	6.6	13.
23.9	70.1	7038.3	425.0	-19.2	-27.5	227.2	8.5	6.2	5.8	324.4	327.5	0.9	47.6	7.5	16.
25.6	73.7	7485.7	400.0	-23.3	-30.7	232.9	8.9	7.1	5.4	324.7	327.2	0.7	50.4	8.2	20.
27.4	77.6	7954.5	375.0	-27.4	-34.6	225.4	13.9	9.9	9.8	325.4	327.3	0.5	50.0	9.3	23.
29.1	81.3	8447.9	350.0	-31.2	-38.6	222.9	19.9	13.5	14.5	326.7	328.1	0.4	47.4	10.9	26.
31.0	85.3	8968.5	325.0	-35.0	-41.7	220.7	27.0	17.6	20.5	328.2	329.6	0.3	49.9	13.4	29.
33.3	89.5	9522.7	300.0	-38.9	-45.8	211.1	34.1	17.6	29.2	330.5	331.3	0.2	47.9	17.6	31.
35.7	93.8	10114.9	275.0	-43.0	99.9	208.2	35.9	17.0	31.6	333.0	999.9	99.9	999.9	22.8	30.
38.6	98.6	10752.3	250.0	-47.1	99.9	215.7	37.0	21.6	30.1	336.1	999.9	99.9	999.9	29.2	31.
41.8	103.5	11441.5	225.0	-52.7	99.9	223.0	37.6	25.6	27.5	337.8	999.9	99.9	999.9	36.3	32.
45.1	108.8	12195.1	200.0	-56.9	99.9	227.6	36.9	27.2	24.8	342.7	999.9	99.9	999.9	43.4	35.
48.4	114.5	13031.3	175.0	-60.8	99.9	233.0	31.9	25.5	19.2	349.7	999.9	99.9	999.9	50.4	37.
52.4	121.0	13979.0	150.0	-64.1	99.9	224.8	27.9	19.6	19.8	359.6	999.9	99.9	999.9	56.6	38.
56.9	129.0	15101.1	125.0	-62.2	99.9	225.2	19.7	14.0	13.9	382.3	999.9	99.9	999.9	63.3	39.
62.5	135.7	16491.2	100.0	-58.3	99.9	999.9	99.9	99.9	99.9	415.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
 CANADIAN, TEXAS

 20 MAY 1979
 2010 GMT

125 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	735.0	927.6	20.3	15.7	30.0	9.0	-4.5	-7.8	299.0	332.5	12.2	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	14.0	759.3	925.0	21.1	17.2	31.4	13.2	-6.9	-11.3	309.9	336.8	13.5	78.4	0.3	210.
0.9	16.5	956.5	900.0	19.0	15.3	30.9	13.3	-6.9	-11.4	301.1	334.0	12.3	79.0	0.7	211.
1.6	18.9	1238.1	875.0	16.2	14.2	34.7	13.0	-7.5	-10.7	300.2	332.1	11.8	88.2	1.2	213.
2.3	21.3	1484.8	850.0	14.1	13.3	43.7	12.8	-8.8	-9.2	301.0	331.6	11.4	94.7	1.7	213.
2.9	23.8	1736.9	825.0	12.3	11.5	56.0	11.8	-9.8	-6.6	301.6	329.9	10.5	95.3	2.2	217.
3.7	26.3	1995.4	800.0	11.5	10.8	68.6	10.3	-9.6	-3.8	303.5	331.5	10.3	95.5	2.7	222.
4.5	29.3	2261.4	775.0	12.2	4.0	121.8	5.1	-4.3	2.7	307.0	325.8	6.6	57.8	3.0	226.
5.7	31.4	2537.3	750.0	13.9	-7.2	178.8	5.5	-0.1	5.5	311.6	320.6	3.0	22.5	2.9	231.
6.8	34.0	2821.7	725.0	11.9	-7.5	179.9	6.8	-0.0	6.8	312.6	321.7	3.0	24.8	2.6	238.
8.0	36.7	3113.9	700.0	9.1	-5.8	176.7	8.0	-0.5	8.0	312.5	323.2	3.6	34.6	2.4	249.
9.2	39.4	3414.0	675.0	6.4	-2.4	176.8	9.3	-0.5	9.3	312.9	327.0	4.8	53.1	2.3	265.
10.6	42.2	3722.3	650.0	3.3	-4.2	177.3	9.8	-0.5	9.8	312.7	325.6	4.3	57.8	2.4	284.
12.1	45.0	4039.0	625.0	0.3	-5.5	177.0	10.2	-0.5	10.2	312.8	325.0	4.1	64.9	2.8	302.
13.7	49.0	4345.3	600.0	-2.2	-3.2	186.0	10.6	1.1	10.5	313.6	328.5	5.0	92.9	3.4	316.
14.9	51.9	4702.9	575.0	-4.1	-5.1	205.7	9.1	4.0	8.2	315.2	328.8	4.6	92.8	3.9	326.
16.1	53.9	5053.1	550.0	-6.1	-7.0	205.7	8.8	5.3	7.0	316.9	329.4	4.1	92.8	4.2	334.
17.7	56.9	5416.2	525.0	-8.5	-13.0	219.8	8.9	5.7	6.9	318.3	326.7	2.7	69.6	4.6	343.
19.5	60.1	5792.6	500.0	-11.4	-28.1	229.9	9.2	6.7	6.3	319.2	321.5	0.7	21.4	5.1	352.
20.8	63.3	6184.7	475.0	-13.5	-29.0	230.5	9.9	7.7	6.3	321.3	324.0	0.8	28.0	5.6	359.
22.3	66.6	6554.3	450.0	-16.0	-23.5	208.8	10.6	4.8	9.4	323.1	327.3	1.3	52.2	6.2	5.
23.7	70.0	7022.2	425.0	-19.0	-28.9	190.5	16.0	2.9	15.7	324.6	327.9	1.0	49.7	7.2	6.
25.3	73.5	7478.5	400.0	-22.3	-28.7	186.1	20.2	5.6	19.4	326.0	329.0	0.9	55.7	9.1	7.
27.0	77.2	7942.0	375.0	-25.6	-32.1	209.7	22.1	7.8	20.6	327.7	330.1	0.7	54.2	11.1	9.
28.7	81.0	8438.5	350.0	-29.4	-33.3	201.7	25.4	9.4	23.6	329.1	331.4	0.7	68.9	13.5	12.
30.8	84.9	8925.1	325.0	-33.8	-45.6	189.3	29.1	9.6	27.4	330.2	330.9	0.2	28.3	16.9	13.
33.1	89.0	9519.8	300.0	-37.7	-45.5	200.8	31.7	11.3	29.6	332.3	333.1	0.2	43.3	21.1	15.
36.3	93.3	10114.7	275.0	-42.3	99.9	204.7	33.5	14.0	30.4	334.0	999.9	99.9	999.9	27.3	16.
39.0	98.0	10751.8	250.0	-47.4	99.9	209.8	35.2	19.5	34.0	335.7	999.9	99.9	999.9	23.0	18.
41.9	102.8	11441.8	225.0	-52.0	99.9	211.9	39.7	21.0	33.7	338.9	999.9	99.9	999.9	43.0	21.
45.6	108.0	12195.5	200.0	-56.9	99.9	216.7	37.5	22.4	30.1	342.7	999.9	99.9	999.9	43.5	23.
50.2	113.8	13036.3	175.0	-60.2	99.9	215.7	30.0	17.5	24.4	350.6	999.9	99.9	999.9	57.4	25.
54.2	120.0	13968.2	150.0	-63.4	99.9	213.6	28.9	16.0	24.1	360.9	999.9	99.9	999.9	64.7	26.
59.4	127.0	15112.5	125.0	-64.3	99.9	215.2	23.4	14.8	18.1	378.5	999.9	99.9	999.9	70.9	27.
63.8	134.7	16490.5	100.0	-59.4	99.9	999.9	99.9	99.9	99.9	412.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
 CANADIAN, TEXAS

 20 MAY 1979
 2154 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEV PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	725.0	527.8	20.3	11.0	50.0	6.0	-4.6	-3.9	299.2	324.0	8.9	55.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	13.9	761.1	925.0	20.1	14.1	43.8	8.2	-6.4	-6.7	299.8	329.6	11.1	69.1	0.2	249.
0.9	13.3	957.7	900.0	18.6	15.7	41.1	10.0	-8.6	-7.6	300.7	334.4	12.6	82.9	0.5	215.
1.9	18.7	1238.9	875.0	15.7	14.6	44.2	9.6	-9.7	-6.9	300.1	332.3	12.1	93.1	1.1	218.
2.9	21.1	1485.0	850.0	14.2	13.4	57.8	10.8	-9.1	-5.7	301.0	331.8	11.4	94.7	1.7	222.
3.8	23.6	1737.1	825.0	12.3	11.4	70.7	10.5	-9.9	-3.5	301.6	329.6	10.4	94.4	2.3	229.
4.8	26.1	1995.5	800.0	11.3	10.5	76.4	8.2	-8.0	-1.9	303.2	330.7	10.1	94.9	2.8	234.
5.9	28.6	2260.9	775.0	9.8	8.9	85.6	6.8	-8.7	-0.5	304.4	330.0	9.3	93.9	3.2	238.
6.9	31.2	2533.3	750.0	8.5	5.6	103.9	4.0	-3.9	1.0	305.8	327.8	7.9	83.8	3.5	240.
7.9	33.8	2813.4	725.0	8.9	-1.6	178.4	3.6	-3.1	3.6	309.3	323.1	4.7	47.6	3.5	242.
9.1	36.5	3104.9	700.0	8.8	2.0	174.3	6.0	-0.6	5.9	312.3	330.7	6.3	62.2	3.4	248.
10.1	38.2	3405.0	675.0	6.4	1.5	181.1	7.6	0.1	7.6	312.9	331.4	6.3	70.6	3.2	256.
11.7	42.0	3713.7	650.0	3.6	0.5	186.7	7.8	0.9	7.8	313.0	331.0	6.1	80.3	3.1	268.
13.2	44.8	4031.7	625.0	0.9	-1.0	194.6	7.9	2.0	7.6	313.5	330.3	5.7	86.9	3.0	280.
14.4	47.7	4359.0	600.0	-1.7	-4.7	201.5	9.2	3.4	8.5	314.1	327.6	4.5	80.5	3.0	292.
15.9	50.6	4657.4	575.0	-2.8	-7.3	213.2	10.9	6.0	9.1	316.7	328.4	3.9	71.3	3.0	310.
17.7	53.6	5048.2	550.0	-5.6	-9.7	209.9	10.0	5.0	8.7	317.5	327.7	3.3	72.8	3.4	329.
19.2	56.6	5412.0	525.0	-8.1	-14.4	202.1	8.4	3.2	7.8	318.6	326.2	2.4	60.5	3.9	340.
20.6	59.9	5790.0	500.0	-10.0	-17.3	199.6	8.8	3.0	8.3	320.9	327.2	2.0	54.9	4.4	345.
21.9	63.0	6183.4	475.0	-13.0	-17.5	201.4	11.7	4.3	10.9	321.9	328.5	2.0	68.8	5.1	351.
23.4	66.3	6553.7	450.0	-15.9	-21.2	193.9	15.9	3.8	15.4	323.3	328.4	1.6	63.2	6.2	356.
25.1	69.7	7022.5	425.0	-19.7	-24.5	183.7	20.1	1.3	20.1	325.0	329.1	1.2	60.2	8.0	359.
26.7	73.1	7472.6	400.0	-21.4	-27.5	188.8	20.3	3.1	20.1	327.2	330.7	1.0	57.6	10.0	360.
28.1	76.9	7945.6	375.0	-25.0	-31.0	198.7	15.9	5.1	15.1	328.5	331.2	0.8	57.0	11.6	2.
29.7	80.6	8444.2	350.0	-28.5	-33.8	203.0	17.7	6.9	16.3	330.4	332.6	0.6	59.7	12.9	4.
31.3	84.5	8970.9	325.0	-32.4	-38.3	203.1	27.9	10.9	25.7	332.0	333.6	0.4	55.1	15.0	7.
33.1	88.7	9531.5	300.0	-36.0	-42.9	205.7	35.4	15.4	31.9	334.7	335.7	0.3	48.2	18.2	10.
35.0	93.0	10129.6	275.0	-40.4	-49.9	206.1	35.4	15.6	31.8	336.7	339.9	59.9	99.9	22.3	13.
37.2	97.6	10769.7	250.0	-47.2	-59.9	203.4	36.0	14.3	33.0	335.9	339.9	99.9	99.9	26.8	15.
39.9	102.6	11460.7	225.0	-51.8	-69.9	200.3	39.4	13.7	37.0	339.1	344.0	99.9	99.9	32.7	16.
43.1	107.0	12216.0	200.0	-56.1	-79.9	999.9	99.9	99.9	99.9	344.0	349.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS20 MAY 1979
2314 GMT

127 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	735.0	928.0	20.0	14.6	40.0	7.0	-4.5	-5.4	299.5	329.8	11.4	71.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	14.1	763.1	925.0	20.3	16.5	32.4	17.7	-9.5	-14.9	300.1	334.5	12.9	79.0	0.2	212.
1.0	16.6	999.3	900.0	17.7	15.6	35.2	14.7	-8.5	-12.0	299.7	333.0	12.5	87.4	0.6	213.
1.8	19.1	1240.0	875.0	15.8	13.8	43.8	12.5	-8.6	-9.0	300.2	330.8	11.4	87.9	1.3	216.
2.7	21.6	1486.6	850.0	14.8	13.0	55.0	11.5	-9.4	-6.6	301.6	331.8	11.2	89.4	1.9	220.
3.7	24.2	1739.1	825.0	12.4	11.4	58.3	10.3	-8.8	-5.4	301.7	329.7	10.3	93.4	2.5	225.
4.6	26.8	1957.6	800.0	11.4	10.4	61.0	9.5	-8.3	-4.6	303.2	330.6	10.0	93.9	3.1	227.
5.5	29.4	2262.9	775.0	9.8	8.9	60.7	7.6	-6.6	-3.7	304.3	330.0	9.3	94.6	3.5	229.
6.4	32.0	2535.4	750.0	8.4	7.5	60.8	5.2	-4.5	-2.5	305.8	330.0	8.7	93.6	3.9	230.
7.5	34.7	2815.9	725.0	8.4	2.4	162.0	2.9	-0.9	2.8	308.7	326.8	6.4	67.3	4.0	231.
8.7	37.4	3106.3	700.0	7.8	0.2	193.2	5.4	1.2	5.3	311.1	327.3	5.6	58.5	3.7	233.
9.7	40.2	3405.2	675.0	5.2	2.1	193.0	5.5	1.2	5.4	311.5	330.7	6.7	80.8	3.5	237.
10.8	43.0	3713.0	650.0	3.1	1.9	204.4	6.3	2.6	5.7	312.5	332.1	6.8	91.7	3.2	241.
11.9	45.9	4030.1	625.0	0.2	-3.6	217.4	7.6	4.6	6.1	312.7	326.6	4.7	75.5	2.8	246.
13.3	49.9	4356.6	600.0	-2.0	-6.0	218.5	7.9	4.9	6.2	313.8	326.1	4.1	73.9	2.2	254.
14.6	51.9	4693.7	575.0	-4.5	-7.2	202.3	6.1	2.3	5.6	314.8	326.5	3.9	80.7	1.8	264.
15.7	55.0	5043.5	550.0	-6.0	-10.6	169.8	6.6	-1.2	6.5	316.5	326.5	3.1	70.2	1.8	276.
16.8	58.1	5406.5	525.0	-8.7	-12.7	163.0	9.6	-2.8	9.2	318.0	326.6	2.7	72.6	2.0	289.
18.0	61.4	5783.3	500.0	-11.0	-13.4	175.8	13.0	-1.0	13.0	319.6	328.2	2.7	82.3	2.6	305.
19.3	64.8	6176.2	475.0	-13.2	-15.9	189.2	13.9	2.2	13.7	321.7	329.1	2.3	80.2	3.3	321.
20.5	68.1	6586.1	450.0	-16.3	-18.4	193.4	12.3	2.9	12.0	322.8	329.3	2.0	83.6	3.9	332.
21.9	71.7	7015.0	425.0	-18.1	-25.4	201.0	10.9	3.9	10.2	325.8	329.6	1.1	52.5	4.7	340.
23.0	75.3	7466.2	400.0	-20.6	-26.8	212.9	14.7	8.0	12.3	328.2	331.8	1.1	57.1	5.3	347.
24.6	79.0	7940.5	375.0	-24.1	-30.7	214.2	20.4	11.5	16.8	329.7	332.4	0.8	54.1	6.5	358.
26.2	83.0	8440.3	350.0	-28.1	-35.1	208.3	24.5	11.6	21.5	330.9	332.8	0.5	50.6	8.3	6.
27.8	87.0	8968.9	325.0	-31.5	-38.6	202.9	27.9	10.9	25.7	333.2	334.7	0.4	49.3	10.8	10.
29.3	91.2	9525.6	300.0	-36.5	-44.0	198.3	29.3	9.2	27.8	334.0	334.9	0.3	45.4	13.2	12.
31.2	95.7	10125.7	275.0	-41.7	-49.9	195.6	34.4	9.3	33.1	334.8	999.9	99.9	999.9	17.0	13.
33.8	100.4	10763.8	250.0	-47.8	-55.9	198.0	38.6	11.9	36.8	335.0	999.9	99.9	999.9	22.5	14.
36.5	105.4	11453.0	225.0	-51.7	-59.9	196.0	41.1	11.3	39.5	339.3	999.9	99.9	999.9	29.2	15.
39.4	110.8	12209.5	200.0	-56.3	-64.9	194.9	40.8	10.5	39.4	343.6	999.9	99.9	999.9	36.2	15.
42.7	116.7	13046.9	175.0	-61.9	-69.9	200.8	40.7	14.5	38.1	347.8	999.9	99.9	999.9	44.0	16.
46.0	123.0	13991.0	150.0	-63.9	-69.9	215.4	31.7	18.4	25.9	360.0	999.9	99.9	999.9	52.0	16.
50.4	130.2	15117.0	125.0	-62.2	-69.9	227.4	23.4	17.2	15.9	382.4	999.9	99.9	999.9	57.6	20.
55.6	138.0	16455.8	100.0	-62.0	-69.9	99.9	99.9	99.9	99.9	407.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	59.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS

21 MAY 1979
213 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	735.0	928.7	17.2	17.0	40.0	5.0	-3.2	-3.0	296.6	331.4	13.3	99.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
0.1	14.1	765.2	925.0	16.6	15.5	38.1	13.1	-8.1	-10.3	296.2	328.0	12.1	93.1	0.3	210.
1.3	16.5	1003.0	900.0	15.2	14.1	39.3	13.9	-8.8	-10.6	297.1	327.1	11.3	93.3	0.7	215.
1.9	18.8	1241.8	875.0	13.8	12.7	43.0	15.2	-10.4	-11.1	298.1	326.5	10.7	93.4	1.5	218.
2.8	21.3	1486.5	850.0	12.6	11.5	47.9	16.0	-11.9	-10.7	299.3	326.5	10.1	93.2	2.3	221.
3.7	23.8	1737.5	825.0	11.8	10.7	57.6	15.6	-13.2	-8.4	301.1	327.9	9.9	93.1	3.2	224.
4.7	26.2	1995.4	800.0	10.9	9.8	65.4	12.4	-11.2	-5.1	302.6	329.0	9.6	93.2	4.0	228.
5.7	28.6	2260.2	775.0	9.2	8.2	61.5	7.9	-6.9	-3.7	303.8	328.2	8.9	93.2	4.6	230.
6.8	31.3	2532.6	750.0	8.7	7.6	71.5	3.4	-1.3	-1.2	306.0	330.5	8.8	92.6	5.0	231.
9.4	36.6	3101.4	700.0	5.2	3.8	331.6	1.6	0.8	-1.4	308.2	328.7	7.2	91.1	5.2	230.
10.9	39.2	3398.0	675.0	2.9	1.8	237.5	1.4	1.3	0.3	308.5	327.4	6.5	92.3	5.1	229.
12.4	41.9	3702.9	650.0	0.6	-0.5	999.9	99.9	99.9	99.9	309.6	326.1	5.7	92.4	4.9	230.
14.7	44.7	4017.8	625.0	-0.7	-2.0	999.9	99.9	99.9	99.9	311.7	327.2	5.3	91.2	999.9	999.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS21 MAY 1979
945 GMT

79 292. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.4	735.0	930.4	15.6	13.8	60.0	10.0	-8.7	-5.0	294.6	323.0	10.7	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	14.9	784.6	925.0	15.6	14.2	58.8	12.7	-10.9	-6.6	295.2	324.5	11.1	91.3	0.3	245.
1.0	17.4	1017.2	900.0	14.0	13.1	61.3	17.0	-15.0	-8.2	295.9	323.9	10.6	94.3	0.8	232.
1.6	19.8	1255.4	875.0	13.5	12.6	68.6	17.7	-16.2	-7.0	297.8	326.0	10.6	94.5	1.5	237.
2.4	22.4	1500.4	850.0	12.6	11.6	65.6	12.7	-11.9	-4.4	299.4	326.7	10.2	93.4	2.8	243.
3.3	24.9	1751.1	825.0	12.3	8.2	68.4	10.0	-9.3	-3.7	301.6	324.3	8.3	76.0	2.8	243.
4.3	27.4	2010.6	800.0	12.6	5.6	66.0	10.8	-9.9	-4.4	305.6	325.8	7.2	58.4	3.4	244.
5.2	29.9	2277.4	775.0	11.8	3.2	63.4	7.5	-6.8	-3.1	306.5	324.3	6.3	55.6	3.9	244.
6.1	32.5	2551.2	750.0	9.9	2.0	73.1	4.8	-4.6	-1.4	307.3	324.2	5.9	57.8	4.2	244.
7.1	35.2	2832.1	725.0	7.9	1.3	105.1	2.7	-2.6	0.7	308.2	324.9	5.8	62.9	4.5	245.
8.1	37.9	3121.0	700.0	6.2	1.1	195.7	2.3	0.6	2.2	309.4	326.4	5.9	69.6	4.5	246.
9.1	40.7	3418.5	675.0	4.1	-1.2	243.1	3.9	3.5	1.8	310.2	325.4	5.2	68.1	4.3	247.
10.2	43.4	3725.0	650.0	2.2	-1.5	227.4	5.4	5.0	2.1	311.4	326.9	5.3	76.6	4.0	246.
11.3	46.3	4040.7	625.0	-0.0	-4.8	225.5	5.5	3.7	4.0	312.4	325.1	4.3	70.1	3.6	247.
12.3	49.3	4367.2	600.0	-1.8	-8.1	218.3	6.6	4.1	5.1	314.0	324.5	3.5	62.3	3.3	251.
13.6	52.2	4704.4	575.0	-4.9	-12.1	223.3	8.2	5.6	5.9	314.2	322.3	2.6	56.9	2.8	256.
14.8	55.3	5052.7	550.0	-6.5	-16.3	225.3	10.7	7.7	7.4	316.4	322.5	1.9	45.6	2.3	265.
15.3	58.4	5414.7	525.0	-9.5	-16.3	221.3	11.4	7.5	8.6	317.0	323.4	2.0	57.5	1.6	288.
16.3	61.5	5790.2	500.0	-11.4	-21.8	211.6	12.2	6.4	10.4	319.1	323.5	1.3	41.9	1.6	320.
17.5	64.8	6181.8	475.0	-14.3	-24.2	207.5	11.5	5.3	10.2	320.2	324.1	1.1	42.6	2.1	345.
18.9	68.1	6585.2	450.0	-18.0	-25.6	210.0	12.2	6.1	10.6	320.7	324.1	1.0	50.8	2.7	355.
19.9	71.6	7013.9	425.0	-20.6	-23.2	205.0	11.8	5.0	10.7	322.6	327.2	1.4	79.4	3.5	4.
21.2	75.1	7460.3	400.0	-23.4	-26.6	185.1	9.7	0.9	9.6	324.6	328.3	1.1	74.7	4.6	7.
22.9	78.7	7930.5	375.0	-25.6	-32.1	148.8	13.6	-7.8	11.1	329.5	332.1	0.7	75.2	6.4	156.
24.6	82.5	8427.6	350.0	-29.1	-36.5	99.9	99.9	99.9	99.9	330.2	332.4	0.5	76.3	7.7	351.
26.3	86.5	8952.4	325.0	-33.5	-40.5	99.9	99.9	99.9	99.9	333.3	333.3	0.4	75.8	999.9	999.9
28.0	90.6	9509.4	300.0	-37.9	-40.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
29.6	93.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
31.3	97.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
33.0	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
34.7	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
36.4	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
38.1	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
39.8	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
41.5	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
43.2	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
44.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
46.6	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS21 MAY 1979
032 CMT

116 127. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD CM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.0	735.0	929.7	16.4	15.3	90.0	1.0	-1.0	0.0	295.7	326.7	11.8	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	90.5	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.1	13.5	778.2	925.0	15.5	14.6	83.1	3.0	-3.0	-0.4	295.1	325.1	11.4	94.9	0.0	318.
0.9	16.0	1010.5	900.0	15.0	14.6	84.3	5.8	-5.8	-0.6	297.0	327.0	11.7	97.1	0.2	262.
1.5	18.4	1245.4	875.0	13.7	13.2	96.9	6.4	-6.3	0.8	298.0	327.3	11.0	96.9	0.4	268.
2.3	21.0	1493.8	850.0	12.5	12.1	103.5	6.2	-6.0	1.4	299.3	327.5	10.5	97.4	0.7	274.
2.8	23.5	1744.7	825.0	11.2	10.8	100.9	6.3	-6.2	1.8	300.4	327.2	9.9	97.2	0.9	275.
3.5	26.1	2001.8	800.0	10.0	9.6	105.8	6.8	-6.5	1.8	301.8	327.6	9.4	97.0	1.2	277.
4.2	28.7	2265.7	775.0	7.7	7.2	104.9	7.6	-7.3	2.0	302.1	328.8	8.3	96.7	1.5	279.
5.2	31.4	2535.9	750.0	6.4	5.6	98.5	10.8	-9.9	1.5	303.5	328.7	7.7	94.9	2.0	280.
6.3	34.0	2814.2	725.0	5.6	3.8	85.8	9.3	-9.3	-0.7	305.7	325.2	7.0	87.7	2.7	278.
7.4	36.8	3101.8	700.0	5.0	2.1	93.0	4.9	-4.9	0.3	308.0	326.2	6.4	81.6	3.2	275.
8.5	39.7	3392.4	675.0	3.4	0.1	147.3	2.9	-1.6	2.5	309.5	326.0	5.7	78.6	3.3	276.
9.6	42.4	3704.1	650.0	1.4	-0.9	220.3	2.3	1.6	1.9	310.5	326.7	5.5	85.0	3.4	279.
10.8	45.3	4015.3	625.0	-0.7	-3.0	242.8	2.3	2.1	1.1	311.7	326.1	4.9	84.2	3.2	281.
12.0	48.3	4344.4	600.0	-3.1	-6.0	235.5	1.8	1.5	1.0	312.5	326.7	4.1	80.3	3.1	283.
13.3	51.3	4680.5	575.0	-5.0	-9.4	194.1	1.6	0.4	1.5	314.1	326.1	3.3	71.5	3.0	285.
14.4	54.4	5029.0	550.0	-6.9	-14.1	221.1	3.3	2.2	2.5	315.9	323.2	2.3	56.3	3.0	287.
15.7	57.5	5390.5	525.0	-9.6	-10.7	235.7	6.8	5.6	3.8	316.9	326.9	3.2	91.3	2.8	293.
17.1	60.8	5766.0	500.0	-12.0	-16.9	222.5	8.8	5.9	6.5	318.5	325.0	2.0	66.6	2.6	306.
18.5	64.0	6156.6	475.0	-14.8	-24.7	205.3	10.8	4.6	9.8	319.7	323.3	1.1	42.4	2.8	323.
20.2	67.4	6564.3	450.0	-17.1	-23.9	211.1	15.8	8.2	13.5	321.7	325.8	1.2	55.6	3.5	343.
21.9	70.9	6990.9	425.0	-19.9	-62.6	218.7	18.6	11.6	14.5	323.5	323.6	0.0	1.0	4.9	0.
23.6	74.6	7438.1	400.0	-22.9	-64.5	222.6	17.1	11.6	12.6	325.3	325.4	0.0	1.0	6.3	11.
24.7	78.2	7906.5	375.0	-27.4	-67.4	211.0	17.7	9.1	15.1	325.4	325.4	0.0	1.0	7.4	15.
26.3	82.0	8398.8	350.0	-31.1	-36.7	187.2	16.1	2.0	16.0	326.8	328.4	0.5	57.8	9.0	16.
28.1	86.0	8922.1	325.0	-33.5	-39.2	150.5	14.2	-7.0	12.4	330.5	331.9	0.4	56.5	10.4	12.
30.1	93.3	9478.4	300.0	-38.5	-44.8	138.2	15.9	-10.6	11.8	331.1	332.0	0.2	51.3	11.4	5.
32.0	94.7	10070.5	275.0	-43.4	99.9	147.4	19.4	-10.5	16.4	332.3	332.3	99.9	999.9	13.0	359.
34.1	99.4	10703.5	250.0	-49.6	99.9	153.7	21.5	-9.5	19.3	332.2	332.2	99.9	999.9	15.3	355.
36.1	104.4	11383.3	225.0	-54.7	99.9	172.3	23.3	-3.1	23.1	334.8	334.8	99.9	999.9	17.9	352.
39.1	109.6	12127.3	200.0	-58.7	99.9	195.2	30.2	8.0	29.2	339.8	339.8	99.9	999.9	22.3	355.
42.5	115.4	12960.7	175.0	-61.2	99.9	203.0	33.9	13.2	31.2	348.9	348.9	99.9	999.9	28.7	1.
46.7	121.7	13921.8	150.0	-58.4	99.9	226.3	23.0	16.6	15.9	369.4	369.4	99.9	999.9	35.3	7.
99.9	99.9	99.9	125.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS21 MAY 1979
1103 GMT

125 97. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KN	AZ DG
0.0	13.6	735.0	929.6	16.1	15.5	340.0	1.0	0.3	-0.9	295.4	326.8	12.0	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	14.1	777.3	925.0	15.8	15.1	45.7	2.4	-1.7	-1.7	294.5	326.4	11.8	95.7	0.1	165.
0.9	16.5	1010.6	900.0	15.0	13.9	41.2	2.3	-1.5	-1.7	297.0	326.7	11.2	93.1	0.1	185.
1.7	18.9	1249.3	875.0	13.7	12.2	52.7	2.4	-1.9	-1.5	298.0	325.5	10.3	90.6	0.2	200.
2.6	21.4	1493.9	850.0	12.6	10.9	58.2	4.1	-3.5	-2.2	299.3	325.5	9.7	89.7	0.4	218.
3.5	23.9	1744.2	825.0	10.5	9.3	63.7	4.1	-3.7	-1.8	299.7	324.0	9.0	91.9	0.6	225.
4.4	26.4	2000.6	800.0	8.8	7.7	74.4	3.0	-2.9	-0.8	300.5	323.1	8.3	92.8	0.8	231.
5.2	29.0	2283.3	775.0	7.4	6.4	75.2	3.9	-2.9	-1.0	301.8	323.3	7.8	93.4	0.9	234.
6.0	31.6	2533.4	750.0	5.8	4.7	84.9	7.3	-7.2	-0.6	302.9	322.8	7.2	92.5	1.2	241.
7.1	34.3	2811.3	725.0	5.4	2.5	94.3	8.2	-8.2	0.6	305.4	323.3	6.4	81.9	1.7	249.
8.1	37.0	3098.1	700.0	4.6	1.1	105.3	7.8	-7.5	2.1	307.6	324.6	5.9	77.8	2.1	256.
9.1	39.8	3354.2	675.0	2.7	-0.4	117.2	7.3	-6.5	3.3	308.7	324.6	5.5	75.8	2.5	262.
10.1	42.4	3698.9	650.0	0.2	-1.0	131.3	6.2	-4.7	4.1	309.2	325.1	5.5	91.9	2.8	268.
11.2	45.3	4012.7	625.0	-1.9	-2.8	135.5	5.5	-3.8	3.9	310.3	324.9	5.0	93.5	3.1	273.
12.2	48.2	4336.8	600.0	-4.0	-4.9	158.9	4.0	-1.4	3.8	311.5	324.6	4.4	93.1	3.3	277.
13.4	51.1	4671.8	575.0	-6.1	-7.2	181.5	3.2	0.1	3.2	312.9	324.5	3.9	91.9	3.3	281.
14.6	54.1	5015.1	550.0	-7.8	-10.6	206.9	3.3	0.8	3.2	314.8	325.6	3.6	92.9	3.3	285.
16.0	57.3	5380.4	525.0	-9.7	-14.6	206.2	7.7	3.4	6.9	317.7	325.5	2.5	84.9	3.3	299.
17.3	60.4	5755.6	500.0	-12.6	-17.1	213.7	8.7	4.8	7.3	316.8	317.2	0.1	5.3	3.4	311.
18.8	63.7	6143.9	475.0	-17.1	-22.1	221.1	10.6	6.9	7.9	318.0	318.0	0.0	1.0	3.5	326.
20.3	67.0	6547.0	450.0	-20.1	-25.7	226.5	10.7	6.4	8.6	319.9	320.0	0.0	1.0	3.9	340.
21.8	70.4	6968.8	425.0	-22.7	-28.4	230.4	10.2	6.6	7.7	321.6	321.6	0.0	1.0	4.6	351.
23.4	74.0	7410.6	400.0	-25.7	-31.4	220.4	10.2	6.6	4.4	323.1	323.2	0.0	1.0	5.1	358.
24.9	77.7	7875.7	375.0	-29.1	-35.4	209.2	6.8	2.8	6.2	325.0	325.0	0.0	1.0	5.5	2.
26.6	81.5	8365.8	350.0	-32.5	-38.4	172.8	10.1	-1.3	13.8	329.8	329.9	0.0	9.1	7.5	1.
28.3	85.4	8885.1	325.0	-35.4	-41.4	178.2	13.8	-0.4	19.6	330.4	330.9	99.9	99.9	9.3	1.
30.1	89.7	9437.8	300.0	-39.5	-44.6	190.5	20.0	3.6	28.5	333.4	333.4	99.9	99.9	11.8	5.
31.9	94.0	10027.0	275.0	-44.6	-48.9	199.0	30.1	9.8	30.6	338.3	338.3	99.9	99.9	15.9	9.
33.6	98.6	10659.9	250.0	-48.9	-54.3	201.8	33.0	12.3	30.9	338.8	338.8	99.9	99.9	20.1	12.
35.7	103.6	11343.6	225.0	-54.3	-59.3	207.9	35.0	16.3	22.9	347.9	347.9	99.9	99.9	27.0	18.
37.9	108.8	12089.4	200.0	-59.3	-61.9	221.6	30.6	20.3	9.0	369.0	369.0	99.9	99.9	32.1	23.
41.5	114.5	12920.9	175.0	-61.9	-60.0	240.4	18.2	15.8	6.2	386.3	386.3	99.9	99.9	34.6	27.
45.1	120.7	13878.6	150.0	-58.7	-62.4	242.8	13.7	12.2	99.9	407.2	407.2	99.9	99.9	99.9	99.9
49.9	127.7	15023.9	125.0	-60.0	-62.4	242.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
55.0	135.7	16408.2	100.0	-62.4	-62.4	242.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
CHEYENNE, OKLAHOMA20 MAY 1979
1105 GMT

124 89. 0

TIME MIN	CNTCT	HEIGHT GFN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG M	E POT Y DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	621.0	928.0	17.0	13.5	320.0	2.0	1.3	-1.5	295.5	323.1	10.5	80.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	13.2	740.4	925.0	16.7	14.8	334.2	2.1	0.9	-1.9	296.4	324.9	11.6	88.6	0.2	158.
1.2	15.6	978.5	900.0	18.5	14.5	238.6	3.2	2.7	1.6	300.6	331.8	11.6	77.3	0.2	131.
2.0	18.0	1218.6	875.0	21.4	9.0	234.8	4.3	3.5	2.5	306.0	329.1	8.3	45.0	0.3	69.
2.9	20.5	1465.7	850.0	20.4	8.6	254.4	3.1	3.0	0.8	307.5	330.8	8.3	46.5	0.4	83.
3.9	23.0	1727.3	825.0	20.1	6.9	255.8	4.2	4.1	1.0	309.8	331.5	7.6	42.3	0.6	81.
4.8	25.5	1992.1	800.0	18.2	5.9	251.4	9.3	8.8	3.0	310.5	331.5	7.3	44.5	0.9	79.
5.7	28.0	2263.1	775.0	15.9	5.3	252.3	13.0	12.4	4.0	310.9	331.6	7.2	49.1	1.6	75.
6.7	30.6	2540.8	750.0	13.3	4.2	252.1	12.5	11.9	3.8	311.1	331.0	6.9	53.9	2.3	75.
7.7	33.2	2825.2	725.0	11.1	3.7	246.2	12.9	11.8	5.2	311.7	331.7	6.9	60.2	3.1	74.
8.7	35.9	3117.0	700.0	8.4	2.8	241.3	13.5	11.9	6.5	311.8	331.2	6.7	67.6	3.9	71.
9.6	38.6	3416.8	675.0	6.5	-2.6	244.3	11.7	10.5	5.1	312.5	328.8	4.7	52.5	4.6	70.
10.6	41.3	3725.5	650.0	4.1	-3.5	252.4	10.1	9.7	3.1	313.6	327.2	4.6	57.8	5.3	70.
11.6	44.1	4043.0	625.0	1.2	-3.6	258.7	9.3	9.1	1.8	313.6	327.8	4.7	70.4	5.9	70.
12.8	46.9	4369.8	600.0	-1.9	-13.0	262.7	8.3	8.3	1.1	313.5	321.4	2.4	43.6	6.4	71.
13.9	49.9	4707.6	575.0	-3.1	-28.0	260.0	6.4	6.3	1.1	316.4	318.6	0.7	12.5	6.9	72.
15.1	52.9	5056.0	550.0	-4.9	-35.7	247.0	6.2	5.7	2.4	318.3	318.4	0.3	6.8	7.4	72.
16.3	55.9	5422.7	525.0	-6.1	-36.4	240.2	7.9	6.9	3.9	321.1	322.2	0.3	12.7	8.6	70.
17.6	59.0	5801.9	500.0	-9.2	-32.7	228.6	13.9	10.4	9.2	321.6	323.5	0.5	12.7	8.6	70.
18.9	62.1	6196.1	475.0	-12.2	-26.5	217.7	14.9	9.1	11.8	322.8	325.9	0.9	29.0	9.6	67.
20.4	65.4	6607.6	450.0	-14.7	-36.7	219.0	13.2	8.3	10.2	324.8	328.1	0.4	13.6	10.7	64.
21.8	68.9	7037.4	425.0	-18.2	-33.7	227.3	15.8	11.6	10.7	325.6	327.5	0.5	24.3	11.8	62.
23.0	72.3	7486.8	400.0	-22.3	-34.7	231.8	15.2	12.0	9.4	326.0	327.8	0.5	31.2	13.0	60.
24.3	75.9	7956.9	375.0	-26.3	-30.3	232.7	13.2	10.5	8.0	326.8	329.6	0.8	68.5	14.1	60.
25.8	79.6	8453.6	350.0	-29.1	-29.9	227.4	13.1	9.6	8.9	329.6	332.7	0.9	92.2	15.2	59.
27.5	83.4	8980.2	325.0	-32.6	-36.3	221.7	15.7	10.5	11.7	331.8	333.7	0.5	69.4	16.5	58.
29.4	87.5	9538.6	300.0	-37.1	-42.7	223.5	21.4	14.8	15.5	333.1	334.2	0.3	55.7	18.6	56.
31.4	91.7	10135.4	275.0	-40.7	99.9	223.1	26.5	18.1	19.4	336.2	999.9	99.9	999.9	21.5	54.
33.5	96.2	10777.8	250.0	-45.2	99.9	223.0	28.3	19.3	20.7	338.9	999.9	99.9	999.9	24.8	53.
35.3	100.8	11474.0	225.0	-50.2	99.9	226.4	31.1	22.5	21.4	341.5	999.9	99.9	999.9	28.1	52.
37.5	106.0	12235.0	200.0	-55.3	99.9	230.3	31.7	24.4	20.3	345.2	999.9	99.9	999.9	32.1	51.
39.6	111.4	13077.2	175.0	-60.3	99.9	236.3	32.3	26.9	17.9	350.4	999.9	99.9	999.9	36.3	52.
41.5	117.2	14025.5	150.0	-64.8	99.9	239.4	27.0	23.2	13.7	358.5	999.9	99.9	999.9	39.9	52.
44.6	124.0	15140.6	125.0	-62.9	99.9	232.1	20.7	16.4	12.7	381.2	999.9	99.9	999.9	43.4	52.
48.4	131.3	16517.2	100.0	-63.6	99.9	242.1	18.0	15.9	8.4	404.2	999.9	99.9	999.9	48.8	53.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
 CHEYENNE, OKLAHOMA

 20 MAY 1979
 1235 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	621.0	938.6	18.6	15.8	350.0	5.0	0.9	-4.9	297.1	329.2	12.2	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	13.4	747.1	925.0	15.3	17.6	12.6	5.0	-1.1	-4.9	299.1	335.8	13.9	89.9	0.3	186.
1.1	15.7	983.3	900.0	18.9	16.0	20.7	3.1	-1.1	-2.9	301.0	335.2	12.8	83.1	0.4	191.
1.9	19.1	1226.1	875.0	15.1	14.1	3.9	1.9	-0.1	-1.9	303.6	335.5	11.7	73.3	0.5	192.
2.5	20.5	1474.4	850.0	20.1	9.4	3.2	3.3	-0.2	-3.3	307.2	331.7	8.8	50.2	0.6	191.
3.3	22.9	1734.2	825.0	20.5	9.0	6.3	3.0	-2.7	-1.3	310.3	335.1	8.8	47.5	0.7	189.
4.5	25.4	1994.6	800.0	18.4	8.3	226.3	7.1	5.2	4.9	310.7	335.2	8.6	51.7	0.4	157.
5.5	27.9	2270.8	775.0	16.4	5.2	241.2	6.9	6.1	3.3	311.4	332.1	7.2	47.4	0.5	110.
6.4	30.5	2549.4	750.0	14.6	5.1	248.9	9.8	9.1	3.5	312.5	333.8	7.4	52.8	0.9	91.
7.4	33.0	2835.1	725.0	12.8	4.6	246.6	9.8	9.0	3.9	313.5	334.8	7.4	57.4	1.5	81.
8.4	35.7	3129.3	700.0	10.6	3.2	238.9	9.3	8.0	4.8	314.2	334.4	6.9	60.2	2.0	76.
9.4	39.4	3431.4	675.0	8.0	1.0	239.1	9.2	7.9	4.7	314.7	332.6	6.1	60.9	2.6	72.
10.3	41.1	3742.0	650.0	5.4	-2.6	239.6	7.1	6.1	3.6	315.1	329.7	4.9	56.2	3.0	70.
11.6	43.9	4061.4	625.0	2.7	-3.1	233.9	5.2	4.2	3.1	315.6	330.1	4.9	65.2	3.4	69.
12.7	46.8	4390.9	600.0	1.1	-27.5	234.1	5.5	4.5	3.2	317.4	319.7	0.7	9.6	3.8	67.
13.8	49.8	4731.6	575.0	-1.4	-33.7	227.7	6.7	4.9	4.5	318.3	319.7	0.4	6.4	4.2	66.
15.1	52.7	5084.1	550.0	-3.5	-32.4	234.5	8.8	7.2	5.1	320.0	321.6	0.5	8.5	4.7	64.
16.4	55.8	5450.2	525.0	-5.4	-37.4	231.5	11.8	9.2	7.4	321.9	323.0	0.3	5.9	5.5	63.
17.6	58.9	5831.0	500.0	-8.2	-34.8	221.4	14.4	9.5	10.8	323.1	324.5	0.4	9.6	6.5	63.
18.9	62.1	6227.8	475.0	-10.2	-20.9	231.3	14.5	11.3	9.0	325.2	330.4	1.5	41.1	7.6	57.
20.3	65.4	6641.9	450.0	-13.6	-24.6	243.8	13.7	12.3	6.0	326.1	330.0	1.1	33.7	8.7	58.
21.7	69.9	7074.1	425.0	-16.6	-24.3	245.1	12.1	10.9	5.1	327.7	332.0	1.3	51.4	9.8	59.
23.2	72.3	7526.8	400.0	-20.5	-27.9	236.1	10.0	8.3	5.6	328.3	331.6	1.0	51.3	10.8	59.
24.8	76.0	8001.0	375.0	-24.4	-27.0	215.7	10.9	6.4	8.8	329.4	333.2	1.1	78.9	11.7	58.
26.3	79.7	8501.4	350.0	-27.3	-29.5	216.1	15.4	9.1	12.5	332.0	333.3	0.9	81.4	12.7	56.
27.9	83.7	9031.4	325.0	-30.7	-38.9	226.9	20.3	14.8	13.9	334.4	335.9	0.4	44.9	14.4	54.
29.7	87.7	9594.9	300.0	-35.1	-40.4	227.9	24.3	18.0	16.3	335.9	337.2	0.4	58.0	16.8	53.
31.5	92.0	10195.0	275.0	-40.4	99.9	223.6	26.4	18.2	19.1	336.7	599.9	99.9	99.9	19.6	52.
33.6	96.4	10838.4	250.0	-45.1	99.9	224.2	25.5	18.0	18.6	339.1	599.9	99.9	99.9	22.8	51.
35.9	101.2	11535.2	225.0	-49.4	99.9	227.2	32.5	23.9	22.1	342.9	599.9	99.9	99.9	26.6	50.
38.6	106.4	12257.9	200.0	-54.6	99.9	232.5	33.1	26.3	20.2	346.3	599.9	99.9	99.9	32.6	50.
41.4	112.0	13141.3	175.0	-58.1	99.9	237.8	25.4	21.5	13.5	352.5	599.9	99.9	99.9	37.2	51.
44.4	119.0	14093.8	150.0	-62.7	99.9	227.3	22.0	16.2	14.9	362.1	599.9	99.9	99.9	41.2	51.
48.0	124.7	15221.7	125.0	-60.5	99.9	227.1	24.7	18.1	16.8	385.5	599.9	99.9	99.9	45.9	50.
52.1	132.3	16609.4	100.0	-60.8	99.9	99.9	99.9	99.9	99.9	410.3	599.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
CHEYENNE, OKLAHOMA

21 MAY 1979
205 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.8	621.0	941.2	19.6	18.6	350.0	7.0	1.2	-6.9	297.5	336.0	14.5	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.8	13.2	770.7	925.0	17.8	17.1	999.9	99.9	99.9	99.9	297.8	332.8	13.4	95.2	999.9	999.9
2.1	15.5	1005.5	900.0	16.3	15.5	999.9	99.9	99.9	99.9	298.3	331.1	12.4	94.9	999.9	999.9
3.2	17.9	1245.6	875.0	15.3	14.5	60.2	14.1	-12.2	-7.0	299.7	331.7	12.0	94.7	1.9	231.
4.6	20.3	1491.5	850.0	13.9	13.0	69.3	15.1	-14.1	-5.3	300.7	330.7	11.2	94.6	3.2	236.
6.5	22.7	1743.6	825.0	12.3	11.5	75.2	11.9	-11.6	-3.0	301.6	329.8	10.4	94.7	4.7	242.
8.7	25.2	2001.7	800.0	10.5	9.8	79.7	11.3	-11.1	-2.0	302.4	328.5	9.6	95.0	6.1	246.
10.4	27.7	2266.6	775.0	9.7	8.8	999.9	99.9	99.9	99.9	304.2	329.7	9.3	94.2	999.9	999.9
11.4	30.2	2538.9	750.0	8.2	7.4	999.9	99.9	99.9	99.9	305.5	329.6	8.7	94.9	999.9	999.9
99.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
 CHEYENNE, OKLAHMA

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG	120 102. 0	
0.0	12.0	621.0	940.2	17.8	16.7	360.0	8.0	0.0	-8.0	296.1	329.7	12.8	93.0	0.0	0.0		
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9		
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9		
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9		
0.4	13.4	760.7	925.0	16.7	15.5	64.4	8.0	-7.2	-3.5	296.4	326.3	11.3	87.0	0.3	254.0		
1.2	15.7	994.4	900.0	15.3	14.5	78.1	8.9	-8.7	-1.8	297.3	328.0	11.6	95.1	0.6	256.0		
1.9	18.1	1233.6	875.0	15.5	7.8	75.3	9.9	-9.6	-2.5	299.9	320.7	7.6	60.1	1.0	257.0		
2.6	20.5	1479.7	850.0	14.7	7.4	68.4	8.7	-8.1	-3.2	301.6	322.6	7.7	61.6	1.4	256.0		
3.6	23.0	1731.8	825.0	13.5	5.5	59.9	7.6	-6.6	-3.8	302.9	322.1	6.9	58.2	1.8	253.0		
4.4	25.4	1990.6	800.0	11.9	4.4	48.2	8.1	-6.0	-5.4	303.9	322.3	6.6	59.9	2.2	250.0		
5.3	27.9	2256.2	775.0	10.6	2.8	38.5	8.4	-5.2	-6.6	305.2	322.4	6.1	58.6	2.6	245.0		
6.1	30.5	2529.1	750.0	9.1	2.0	32.8	6.5	-3.5	-5.4	306.5	323.3	5.9	60.7	3.0	242.0		
7.0	33.0	2809.7	725.0	8.1	1.3	359.3	3.9	0.0	-3.9	308.4	325.1	5.8	62.0	3.2	239.0		
7.9	35.7	3098.8	700.0	6.3	-0.6	348.9	3.8	0.7	-3.7	309.5	324.8	5.3	61.3	3.2	235.0		
8.8	38.3	3356.8	675.0	4.7	-0.8	341.0	3.6	1.2	-3.4	310.9	326.6	5.4	67.9	3.3	232.0		
9.3	41.3	3733.6	650.0	2.6	0.5	326.7	3.4	1.9	-2.8	312.0	329.8	6.1	85.7	3.4	229.0		
10.9	43.8	4320.0	625.0	-0.0	-1.9	302.7	2.9	2.5	-1.6	312.5	328.2	5.4	87.1	3.4	225.0		
12.1	46.5	4345.5	600.0	-1.6	-11.6	269.9	4.0	4.0	0.2	314.3	322.7	2.7	47.8	3.3	222.0		
13.3	49.5	4684.7	575.0	-3.1	-14.2	248.9	7.0	6.6	2.5	316.4	323.3	2.2	42.1	2.9	218.0		
14.3	52.4	5035.5	550.0	-5.1	-23.7	237.0	8.5	7.2	4.7	318.0	321.4	1.0	21.6	2.5	213.0		
15.4	55.5	5398.9	525.0	-8.2	-25.0	221.7	9.9	6.6	7.4	315.6	321.7	0.9	24.3	1.9	209.0		
16.6	58.6	5775.8	500.0	-10.6	-22.1	222.0	11.0	7.4	8.2	320.2	324.5	1.3	38.0	1.2	201.0		
17.9	61.8	6168.6	475.0	-13.5	-25.0	222.7	8.9	6.0	6.6	321.3	324.8	1.1	37.2	0.5	164.0		
19.1	65.0	6577.8	450.0	-16.1	-23.3	214.9	7.6	4.3	6.2	322.6	327.3	1.3	54.1	0.5	101.0		
20.4	68.3	7025.5	425.0	-15.2	-25.9	185.5	5.3	0.5	5.3	323.3	329.0	1.4	72.2	0.8	59.0		
21.7	71.9	7455.2	400.0	-21.0	-24.8	142.3	2.0	-1.2	1.5	327.8	332.1	1.3	71.1	1.0	45.0		
23.0	75.4	7929.4	375.0	-24.4	-29.3	95.1	2.4	-2.3	0.2	329.3	332.7	1.0	69.9	0.9	40.0		
24.5	79.1	8428.8	350.0	-28.4	-32.5	138.4	6.5	-4.3	4.9	330.5	333.0	0.7	67.5	0.9	17.0		
25.9	83.0	8956.8	325.0	-31.4	-35.6	157.3	12.4	-4.8	11.4	333.4	335.5	0.6	65.8	1.6	357.0		
27.7	87.2	9518.4	300.0	-36.7	-41.0	161.6	15.2	-4.8	14.4	333.6	334.9	0.3	63.9	3.1	349.0		
29.6	91.4	10114.9	275.0	-41.5	59.9	164.3	18.0	-4.9	17.3	335.1	339.9	99.9	99.9	5.0	346.0		
31.4	95.8	10753.1	250.0	-47.2	59.9	181.1	21.8	0.4	21.8	335.9	339.9	99.9	99.9	7.1	348.0		
33.4	100.7	11433.2	225.0	-51.9	99.9	196.7	28.2	8.1	27.0	338.9	339.9	99.9	99.9	9.9	354.0		
35.9	105.3	12196.0	200.0	-57.5	99.9	199.9	31.5	10.7	29.6	341.6	339.9	99.9	99.9	14.1	2.0		
38.5	111.4	13023.7	175.0	-60.7	99.9	206.5	31.9	14.2	28.5	342.8	339.9	99.9	99.9	19.0	7.0		
41.6	117.5	13989.2	150.0	-61.5	99.9	225.8	23.1	16.6	16.1	364.2	339.9	99.9	99.9	23.8	13.0		
45.4	124.2	15124.2	125.0	-60.9	99.9	99.9	99.9	99.9	99.9	384.6	339.9	99.9	99.9	27.4	18.0		
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9		
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9		
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9		
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9		

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
 CHEYENNE, OKLAHOMA

 21 MAY 1979
 1112 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.1	621.0	941.2	18.4	16.0	350.0	7.0	1.2	-6.9	296.7	329.0	12.3	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	13.6	770.1	925.0	17.0	16.2	32.2	8.5	-4.5	-7.2	256.7	329.8	12.6	95.0	0.3	18.
1.1	16.0	1004.0	900.0	15.7	15.0	29.8	10.5	-5.2	-9.1	297.7	329.4	12.0	95.4	0.6	19.
1.9	18.4	1243.2	875.0	14.0	13.3	33.1	13.0	-7.1	-10.9	298.3	327.7	11.0	95.5	1.2	20.
2.7	20.9	1487.7	850.0	12.2	11.6	10.5	11.0	-2.0	-10.8	299.0	326.2	10.1	95.6	1.8	20.
3.6	23.4	1738.1	825.0	10.5	9.9	24.5	8.9	-3.7	-8.1	299.8	325.0	9.4	95.8	2.3	19.
4.5	25.9	1954.6	800.0	10.1	6.3	74.6	9.0	-8.6	-2.4	301.5	322.7	7.5	77.3	2.5	20.
5.2	28.4	2259.0	775.0	9.5	4.3	80.2	11.4	-11.2	-1.9	304.0	323.0	6.8	70.2	3.0	21.
6.0	31.0	2530.7	753.0	6.3	2.5	89.3	9.5	-9.5	-0.1	305.5	323.0	6.1	66.7	3.3	22.
7.0	33.6	2810.7	725.0	6.8	1.5	64.0	14.0	-12.6	-6.1	306.5	323.8	5.9	69.0	3.8	22.
7.9	36.3	3098.8	700.0	5.3	1.5	54.3	13.9	-11.3	-8.1	308.4	325.9	6.1	76.2	4.6	22.
8.9	39.0	3395.5	675.0	3.5	0.1	51.0	12.5	-9.7	-7.9	309.5	326.2	5.8	78.8	5.4	22.
9.8	41.8	3701.9	650.0	2.0	-1.2	999.9	99.9	99.9	99.9	311.3	327.0	5.4	78.9	6.0	22.
11.0	44.6	4018.0	625.0	0.2	-1.7	999.9	99.9	99.9	99.9	312.5	328.5	5.4	87.0	999.9	999.9
12.0	47.4	4344.5	600.0	-2.1	-3.6	999.9	99.9	99.9	99.9	313.5	328.2	4.9	89.7	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
 CHICKASHA, OKLAHOMA

 20 MAY 1979
 1138 GMT

132 94. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG M	E POT T DG K	MX RTO GN/KG	RM PCT	RANGE KM	A2 DG
0.0	9.8	353.0	967.5	20.7	19.0	180.0	3.0	-1.0	2.8	286.6	334.4	14.5	90.0	0.0	0.
99.9	99.9	99.9	1000.0	59.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
0.5	11.5	512.7	950.0	22.9	20.4	21.6	7.8	5.1	5.8	300.4	342.9	16.1	25.8	0.2	18.
1.3	14.0	745.2	925.0	21.1	18.8	226.6	10.6	7.7	7.3	300.9	340.5	14.9	86.6	0.5	34.
2.0	16.4	983.5	900.0	21.1	18.0	226.6	12.9	11.6	7.3	303.2	342.6	14.6	82.4	1.1	44.
2.8	19.4	1227.8	875.0	20.0	16.4	258.2	15.1	14.8	3.1	304.6	341.4	13.6	79.7	1.6	55.
3.5	21.4	1478.8	850.0	20.1	13.3	263.5	16.7	16.6	1.9	307.2	338.7	11.4	64.9	2.3	63.
4.3	24.0	1734.6	825.0	20.2	8.3	264.5	14.6	14.5	1.4	310.0	333.7	8.4	46.1	3.0	68.
5.2	26.6	2001.4	800.0	17.8	8.4	264.1	15.1	15.0	1.5	310.2	334.8	8.7	54.0	3.7	71.
6.1	29.2	2272.4	775.0	15.7	6.2	271.1	14.5	14.5	-0.3	310.7	332.8	7.7	53.1	4.6	74.
7.1	31.8	2550.1	750.0	13.6	2.3	277.0	13.3	13.2	-1.6	311.4	328.9	6.0	46.2	5.4	78.
8.1	34.6	2834.6	725.0	11.0	0.8	274.2	11.8	11.7	-0.9	311.6	328.0	5.6	49.3	6.1	80.
9.2	37.2	3126.5	700.0	8.8	-2.0	281.1	11.1	10.9	1.7	312.2	326.2	4.7	46.5	6.8	81.
10.2	40.1	3426.2	675.0	6.1	-3.3	285.6	11.3	10.3	4.7	312.5	325.7	4.5	51.0	7.5	80.
11.3	42.9	3734.9	650.0	5.2	-15.2	287.8	12.2	10.3	6.5	314.6	320.5	1.8	21.2	8.1	78.
12.1	45.8	4023.4	625.0	2.2	-16.8	297.1	12.3	10.3	6.7	315.0	320.2	1.6	22.9	8.8	77.
13.1	48.8	4381.1	600.0	-1.2	-18.2	299.8	11.9	10.3	6.0	314.6	319.6	1.5	25.8	9.4	75.
14.2	51.7	4718.7	575.0	-4.0	-22.1	293.0	11.6	10.3	5.3	315.4	319.0	1.1	22.8	10.2	74.
15.4	54.8	5068.8	550.0	-4.8	-23.9	295.8	14.4	13.2	5.9	318.4	319.7	0.4	8.0	11.0	74.
16.5	57.9	5432.6	525.0	-7.5	-35.7	249.4	17.1	16.0	6.0	319.4	320.6	0.3	8.3	12.1	73.
17.7	61.0	5810.0	500.0	-10.4	-37.0	246.5	18.7	17.2	7.5	320.3	321.5	0.3	9.1	13.4	73.
19.0	64.4	6203.2	475.0	-12.9	-37.4	248.4	19.4	18.0	7.1	322.6	323.1	0.3	10.7	15.0	72.
20.6	67.8	6613.7	450.0	-14.9	-42.4	257.1	16.4	16.0	3.7	324.5	325.3	0.2	7.5	16.6	72.
22.2	71.3	7044.2	425.0	-17.6	-59.2	259.7	12.2	12.0	2.2	326.4	327.5	0.3	13.5	18.0	73.
23.9	74.9	7494.7	400.0	-21.3	-36.0	249.2	11.9	11.1	4.2	327.3	328.9	0.4	25.1	19.1	73.
25.5	78.7	7967.9	375.0	-24.3	-32.8	245.2	17.0	15.4	7.1	329.4	331.7	0.6	46.0	20.4	72.
27.2	82.6	8467.7	350.0	-27.7	-35.2	256.0	21.1	20.4	5.1	331.4	333.4	0.5	48.4	22.4	72.
29.0	86.7	8955.4	325.0	-32.4	-38.4	259.7	26.7	26.2	4.8	332.1	333.6	0.4	54.8	24.8	73.
30.8	90.8	9454.0	300.0	-37.2	-41.8	256.8	32.8	32.0	7.5	333.0	334.2	0.3	61.6	28.1	74.
32.9	95.1	10150.2	275.0	-41.3	99.9	253.9	35.8	34.4	9.9	335.3	339.9	59.9	999.9	32.7	74.
35.2	100.0	10790.1	250.0	-46.1	99.9	255.8	33.7	32.7	8.3	337.6	339.9	99.9	999.9	37.4	74.
37.8	105.0	11483.3	225.0	-50.7	99.9	262.0	32.2	31.9	4.5	340.9	339.9	99.9	999.9	42.5	74.
40.7	113.4	12241.5	200.0	-56.0	99.9	263.9	29.9	29.7	3.2	344.0	339.9	99.9	999.9	47.8	75.
43.5	116.2	13077.5	175.0	-62.2	99.9	266.8	25.6	25.6	1.4	347.3	339.9	99.9	999.9	52.6	76.
46.8	122.7	14017.7	150.0	-67.0	99.9	257.2	25.7	25.0	5.7	354.7	339.9	99.9	999.9	57.3	77.
50.8	130.0	15117.4	125.0	-65.7	99.9	258.2	32.7	32.0	6.7	376.0	339.9	99.9	999.9	64.5	77.
55.2	138.3	16487.8	100.0	-65.3	99.9	999.9	99.9	99.9	99.9	401.2	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
CHICKASHA, OKLAHOMA

20 MAY 1979
1400 CMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	353.0	968.6	24.2	20.3	360.0	0.0	0.0	0.0	300.1	341.6	15.7	79.0	0.0	0.
99.9	99.9	95.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	341.6	15.7	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	11.5	523.0	950.0	22.5	20.3	219.9	2.4	1.5	1.8	300.1	342.4	16.1	92.4	0.1	41.
1.1	13.8	755.4	925.0	20.6	19.4	244.4	5.1	4.6	2.2	300.4	341.5	15.5	87.4	0.2	46.
1.9	16.3	993.5	900.0	21.1	18.1	261.5	8.8	8.7	1.3	303.3	342.9	14.8	83.2	0.5	64.
2.8	18.7	1237.8	875.0	19.7	16.3	271.1	11.5	11.5	-0.2	304.3	340.8	13.5	80.7	1.1	76.
3.8	21.2	1488.0	850.0	19.3	12.9	273.9	9.6	9.6	-0.7	306.4	337.1	11.1	66.6	1.1	83.
4.8	23.7	1745.6	825.0	19.7	7.7	277.8	7.9	7.8	-1.1	309.4	332.2	8.0	45.7	2.2	85.
5.7	26.3	2009.8	800.0	17.5	6.8	289.7	10.7	10.0	-3.6	309.6	332.0	7.8	49.4	2.7	89.
6.7	28.8	2280.5	775.0	15.7	6.4	293.5	10.8	9.9	-4.3	310.7	333.0	7.8	53.7	3.3	94.
7.8	31.4	2558.2	750.0	13.7	4.5	275.0	8.2	8.2	-0.7	311.4	331.9	7.1	53.9	3.9	96.
8.9	34.1	2843.0	725.0	11.4	2.3	259.4	7.5	7.4	1.4	311.9	330.1	6.3	53.7	4.4	95.
10.1	36.9	3135.2	700.0	9.0	-1.9	254.8	6.8	6.5	1.8	312.4	326.5	4.8	46.4	4.9	93.
11.2	39.7	3435.2	675.0	6.2	-1.9	254.9	7.2	6.9	1.9	312.6	327.2	4.9	56.1	5.3	92.
12.4	42.4	3743.2	650.0	3.2	-3.8	240.2	9.6	8.3	4.8	312.6	325.8	4.5	60.0	5.8	90.
13.6	45.3	4060.2	625.0	0.8	-7.0	226.6	11.8	8.6	8.1	313.4	324.4	3.6	55.7	6.5	85.
15.0	48.3	4387.4	600.0	-0.4	-15.8	236.5	12.8	10.7	7.1	315.6	321.5	1.9	30.2	7.3	80.
16.3	51.2	4726.1	575.0	-3.0	-19.5	247.3	14.3	13.2	5.5	316.2	321.1	1.4	26.7	8.4	78.
17.5	54.3	5076.5	550.0	-5.4	-22.7	250.8	15.6	14.7	5.1	317.7	321.4	1.1	24.2	9.4	77.
18.7	57.3	5440.0	525.0	-8.3	-15.9	251.5	17.4	16.5	5.5	318.4	325.6	2.3	58.1	10.6	77.
20.1	60.5	5817.4	500.0	-10.2	-34.7	248.4	18.0	16.8	6.6	320.6	322.1	0.4	12.2	12.1	76.
21.7	63.9	6210.5	475.0	-12.6	-41.0	253.2	16.6	15.9	4.8	322.3	323.3	0.3	9.3	13.8	75.
23.6	67.1	6620.9	450.0	-15.2	-48.4	261.5	15.3	15.2	2.3	324.2	324.6	0.1	3.9	15.5	75.
25.2	70.6	7050.0	425.0	-18.6	-45.2	260.3	13.1	13.0	2.2	325.2	325.8	0.2	7.6	16.9	76.
27.0	74.1	7499.2	400.0	-21.7	-42.1	241.5	12.3	10.8	5.9	326.2	327.7	0.2	13.8	18.2	76.
28.6	77.9	7971.6	375.0	-25.3	-28.6	247.0	17.3	16.0	6.8	328.2	331.5	1.0	73.3	19.5	74.
30.3	81.7	8468.9	350.0	-29.2	-33.7	262.7	21.9	21.7	2.8	329.4	331.7	0.6	64.6	21.4	75.
32.2	85.7	8954.4	325.0	-32.6	-41.9	260.5	30.5	30.1	5.0	331.6	332.9	0.3	38.5	24.5	76.
34.4	89.8	9554.0	300.0	-36.4	-45.9	251.2	35.0	33.1	11.3	334.1	338.8	0.2	36.5	28.8	76.
36.5	94.2	10150.6	275.0	-41.6	-59.9	247.9	36.9	34.2	13.9	334.9	999.9	99.9	999.9	33.4	75.
39.0	98.8	10751.1	250.0	-45.7	99.9	248.8	35.4	33.0	12.8	338.1	999.9	99.9	999.9	38.8	74.
41.7	103.8	11484.8	225.0	-51.0	99.9	254.2	32.9	31.7	9.0	340.4	999.9	99.9	999.9	44.2	73.
44.2	105.0	12241.4	200.0	-56.5	99.9	260.5	31.5	31.0	5.2	343.1	999.9	99.9	999.9	49.3	74.
46.9	114.8	13078.6	175.0	-61.9	99.9	254.9	24.8	23.9	6.5	347.7	999.9	99.9	999.9	53.6	74.
49.9	121.2	14019.1	150.0	-66.8	99.9	252.7	29.7	28.4	8.8	355.1	999.9	99.9	999.9	58.1	74.
53.0	128.2	15120.5	125.0	-64.9	99.9	263.6	29.3	29.1	3.3	377.2	999.9	99.9	999.9	64.1	75.
56.9	136.0	16490.9	100.0	-63.4	99.9	999.9	99.9	99.9	99.9	405.2	999.9	99.9	999.9	999.9	999.9
99.9	99.9	95.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
 CHICKASNA, OKLAHOMA

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.6	333.0	969.7	27.0	19.9	65.0	2.0	-1.8	-0.8	302.6	343.6	15.3	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	11.5	534.3	950.0	24.4	19.5	94.6	2.0	-2.0	0.2	302.0	342.5	15.2	74.0	0.1	253.
1.4	13.8	767.9	925.0	22.3	19.3	85.3	2.7	-2.7	-0.2	302.1	343.4	15.5	83.2	0.2	267.
2.4	16.2	1006.4	900.0	20.6	19.3	63.7	2.8	-2.7	-1.2	302.7	343.3	15.2	88.3	0.4	259.
3.2	18.6	1249.8	875.0	18.1	17.0	43.2	1.9	-1.3	-1.4	302.6	340.8	14.1	93.8	0.5	255.
4.0	21.1	1498.0	850.0	16.6	13.4	31.2	2.0	1.5	-1.3	303.6	334.8	11.5	81.1	0.5	248.
4.8	23.6	1753.5	825.0	17.9	8.1	260.6	3.3	3.3	0.5	307.2	330.8	8.3	52.9	0.4	240.
5.5	26.1	2016.2	800.0	16.5	9.9	299.8	3.8	3.6	1.3	308.8	99.9	99.9	99.9	0.2	234.
6.4	28.7	2284.6	775.0	14.6	9.9	270.6	4.6	4.6	-0.1	308.5	99.9	99.9	99.9	0.1	183.
7.4	31.3	2560.3	750.0	13.0	9.9	267.6	6.0	5.9	0.2	310.7	99.9	99.9	99.9	0.4	110.
8.4	33.9	2844.5	725.0	11.3	2.7	251.5	5.6	5.3	1.8	311.8	330.5	6.4	55.5	0.7	95.
9.4	36.7	3136.3	700.0	8.4	-0.4	245.4	5.6	5.1	2.3	311.6	327.4	5.3	54.0	1.0	85.
10.5	39.4	3435.3	675.0	5.4	-3.3	244.0	5.7	5.1	2.5	311.6	324.8	4.5	53.7	1.3	80.
11.6	42.2	3742.6	650.0	3.0	-3.8	99.9	99.9	99.9	99.9	312.4	324.7	4.1	56.4	1.7	76.
13.0	45.1	4058.9	625.0	0.9*	-9.9	99.9	99.9	99.9	99.9	313.5	99.9	99.9	99.9	99.9	99.9
14.4	48.0	4385.4	600.0	-1.0*	99.9	99.9	99.9	99.9	99.9	315.0	99.9	99.9	99.9	99.9	99.9
15.5	51.0	4723.5	575.0	-3.9	-17.5	247.8	14.0	12.9	5.3	315.4	320.7	1.7	33.7	4.1	64.
16.6	54.0	5072.8	550.0	-6.8	-9.4	245.0	16.9	15.3	7.1	315.1	327.3	3.7	87.9	5.1	64.
17.8	57.1	5435.2	525.0	-9.1	-9.2	243.3	19.3	17.2	6.7	317.5	328.7	3.6	96.3	6.4	64.
19.1	60.1	5811.8	500.0	-11.2	-11.4	243.9	18.6	16.7	8.2	319.4	329.3	3.2	98.8	8.0	64.
20.5	63.4	6204.2	475.0	-13.9	-15.4	244.1	13.5	12.2	5.9	320.8	328.5	2.4	88.6	9.4	64.
22.0	66.7	6612.8	450.0	-16.5	-30.9	236.8	10.9	9.1	6.0	322.6	324.8	0.7	28.0	10.4	64.
23.5	70.1	7040.7	425.0	-18.6	-32.2	244.7	11.4	10.3	4.9	325.2	327.4	0.6	30.2	11.3	63.
24.9	73.7	7490.2	400.0	-21.7	-30.0	263.7	13.3	13.2	1.5	326.2	329.5	0.8	46.9	12.4	64.
26.6	77.4	7961.4	375.0	-26.1	-34.4	270.1	16.1	16.1	-0.0	327.1	329.0	0.5	45.3	13.7	67.
29.3	81.3	8456.8	350.0	-29.7	-35.2	282.3	21.7	21.5	2.9	328.7	330.6	0.5	58.6	15.5	69.
29.9	85.3	8981.8	325.0	-33.3	-39.7	254.6	25.9	24.9	6.8	330.8	332.3	0.4	57.6	17.8	70.
31.5	89.5	9539.7	300.0	-37.1	-43.6	246.0	33.8	30.9	13.8	333.1	334.1	0.3	50.4	20.6	70.
33.6	94.0	10135.5	275.0	-41.5	99.9	244.6	36.7	33.1	15.7	335.1	99.9	99.9	99.9	25.0	69.
35.8	98.0	10774.8	250.0	-46.8	99.9	248.1	38.5	33.8	13.6	336.4	99.9	99.9	99.9	29.9	69.
38.6	103.6	11465.0	225.0	-52.1	99.9	250.8	35.1	33.2	11.5	338.6	99.9	99.9	99.9	35.9	69.
41.5	109.0	12217.6	200.0	-57.6	99.9	252.3	33.6	32.0	10.2	341.6	99.9	99.9	99.9	41.7	69.
44.6	115.0	13050.5	175.0	-62.4	99.9	252.7	30.1	28.8	8.9	344.9	99.9	99.9	99.9	47.7	70.
47.7	121.2	13954.5	150.0	-67.0	99.9	250.9	30.8	29.1	10.1	354.7	99.9	99.9	99.9	53.1	70.
51.2	128.2	15106.6	125.0	-63.3	99.9	261.8	29.4	29.1	4.2	380.5	99.9	99.9	99.9	60.0	70.
55.2	136.0	16471.6	100.0	-63.6	99.9	99.9	99.9	99.9	99.9	405.0	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
CHICKASHA, OKLAHOMA
20 MAY 1979
2005 GMT

TIME MIN	CNTCT	HEIGHT GDN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	353.0	967.7	27.0	20.6	40.0	5.0	-3.2	-3.8	303.0	345.8	16.0	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	10.9	516.6	950.0	25.5	20.2	99.9	99.9	99.9	99.9	303.1	345.7	15.9	72.5	99.9	99.9
1.5	13.2	751.7	925.0	24.4	19.7	99.9	99.9	99.9	99.9	304.2	346.8	15.8	75.2	99.9	99.9
2.3	15.6	952.1	900.0	22.7	18.7	136.1	6.8	-4.7	4.9	304.9	346.2	15.3	78.3	3.2	227.
3.1	17.9	1237.4	875.0	20.5	17.6	99.9	99.9	99.9	99.9	305.1	344.8	14.7	81.5	3.4	232.
3.9	20.4	1488.1	850.0	19.1	15.8	99.9	99.9	99.9	99.9	306.1	342.9	13.5	81.5	99.9	99.9
4.7	22.9	1744.7	825.0	17.3	14.3	99.9	99.9	99.9	99.9	306.9	341.3	12.5	82.4	99.9	99.9
99.9	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
 CHICKASHA, OKLAHOMA

20 MAY 1979															127 97. 0		
2130 GMT																	
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE	AZ		
MIN		GPM	MB	DEG C	DEG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	CM/KG	PCT	KM	DG		
0.0	9.9	353.0	967.0	26.3	19.9	35.0	5.0	-2.9	-4.1	302.3	343.4	15.4	68.0	0.0	0.		
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
0.5	11.5	510.1	950.0	26.1	20.0	55.6	12.0	-9.9	-6.8	303.7	345.8	15.7	69.1	0.2	232.		
1.2	13.9	745.0	925.0	23.9	19.2	56.3	10.6	-8.8	-5.9	303.8	345.1	15.4	70.0	0.6	235.		
1.9	16.3	924.6	900.0	21.7	18.6	55.7	10.0	-8.3	-5.7	303.5	345.2	15.4	73.0	1.0	235.		
2.6	18.8	1229.1	875.0	19.2	18.1	55.3	9.1	-7.5	-5.2	303.7	344.5	15.2	93.7	1.5	235.		
3.3	21.3	1478.8	850.0	17.6	16.8	71.8	6.0	-5.7	-1.9	304.6	343.4	14.3	94.8	1.8	235.		
3.9	23.8	1734.2	825.0	15.6	14.7	90.8	4.8	-4.8	0.1	305.1	340.2	12.9	94.2	2.0	238.		
4.6	26.3	1995.8	800.0	14.0	12.7	97.6	3.1	-3.1	0.4	306.1	338.2	11.7	92.1	2.1	241.		
5.4	29.9	2264.0	775.0	12.0	10.7	316.0	0.7	0.5	-0.5	306.7	335.7	10.5	91.6	2.2	242.		
6.3	31.5	2539.7	750.0	12.2	9.6	271.6	1.2	1.2	-0.0	309.8	338.1	10.1	84.0	2.2	242.		
7.1	34.1	2823.9	725.0	10.1	6.9	238.1	3.1	2.6	1.6	310.5	335.1	8.7	80.5	2.0	242.		
8.1	36.9	3115.3	700.0	8.0	5.8	248.2	5.7	5.3	2.1	311.3	335.1	8.3	86.3	1.8	242.		
9.0	39.6	3414.9	675.0	6.3	-0.4	255.9	8.1	7.9	2.0	312.7	328.9	5.5	62.1	1.4	239.		
10.0	42.4	3723.6	650.0	3.8	-1.6	258.6	9.0	9.6	1.9	313.2	328.7	5.2	67.5	0.9	225.		
11.1	45.2	4041.0	625.0	0.7	-1.0	259.3	9.4	9.2	1.7	313.3	320.0	5.7	88.2	0.5	185.		
12.1	48.1	4367.6	600.0	-2.1	-3.0	266.7	10.7	10.7	0.6	313.7	328.9	5.1	93.4	0.7	129.		
13.5	51.1	4705.3	575.0	-4.3	-6.2	265.9	11.3	11.3	0.8	315.0	327.7	4.2	86.4	1.6	105.		
14.9	54.1	5053.8	550.0	-6.5	-7.9	271.2	5.0	9.0	-0.2	316.4	328.0	3.8	89.7	2.4	98.		
16.3	57.1	5417.4	525.0	-8.6	-10.3	290.2	9.1	8.6	-3.2	318.0	328.4	3.3	88.1	3.0	99.		
17.9	60.4	5795.7	500.0	-9.9	-11.7	289.7	12.2	11.5	-3.9	320.9	330.7	3.1	87.2	4.1	102.		
19.3	63.6	6190.9	475.0	-10.6	-12.2	263.0	12.9	12.9	0.2	324.6	334.9	3.2	88.1	5.1	102.		
20.8	66.9	6611.8	450.0	-14.3	-15.8	243.3	13.8	12.4	6.0	325.2	333.3	2.5	87.8	6.2	97.		
22.2	70.3	7044.5	425.0	-16.2	-17.9	218.8	13.4	8.4	10.4	328.2	335.4	2.2	86.4	7.1	91.		
23.6	73.9	7498.6	400.0	-18.3	-20.0	187.6	16.2	2.1	16.1	331.2	337.7	1.9	86.1	7.6	82.		
25.6	77.4	7978.0	375.0	-21.5	-24.0	182.9	21.3	1.1	21.3	333.1	338.1	1.5	79.8	8.2	66.		
27.6	81.3	8483.4	350.0	-24.9	-27.7	180.7	25.4	0.3	25.4	335.3	339.2	1.1	77.2	9.9	52.		
29.4	85.2	9018.7	325.0	-28.4	-31.8	178.1	25.5	-0.8	25.5	337.5	340.4	0.8	72.6	11.7	40.		
32.8	89.3	9587.6	300.0	-32.8	-36.8	163.7	24.7	2.5	24.6	339.2	341.2	0.5	67.0	16.0	29.		
35.6	93.5	10195.2	275.0	-37.3	-41.2	186.7	26.9	3.2	26.7	341.3	342.7	0.4	66.3	19.9	25.		
37.8	98.2	10845.9	250.0	-42.7	-45.9	185.2	27.2	2.5	27.1	342.5	342.7	99.9	999.9	23.4	22.		
39.7	103.0	11547.6	225.0	-45.1	-49.9	183.1	27.2	1.5	27.2	343.3	343.3	99.9	999.9	26.4	20.		
41.8	109.0	12309.5	200.0	-55.7	-59.9	186.9	28.9	3.4	28.7	344.6	344.6	99.9	999.9	29.9	18.		
47.1	113.7	13145.3	175.0	-62.6	-59.9	188.7	27.9	4.2	27.6	346.7	346.7	99.9	999.9	38.3	15.		
52.2	119.7	14083.0	150.0	-68.2	-68.2	217.1	25.3	17.7	23.4	352.6	352.6	99.9	999.9	46.7	16.		
57.3	126.5	15178.9	125.0	-64.7	-64.7	253.7	25.0	27.9	8.1	377.8	377.8	99.9	999.9	53.6	24.		
64.0	134.0	16569.5	100.0	-59.4	-59.9	99.9	99.9	99.9	99.9	413.0	413.0	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
 CHICKASHA, OKLAHOMA

 21 MAY 1979
 205 GMT

106 180. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	353.0	970.0	19.8	19.0	60.0	3.0	-2.6	-1.3	295.2	333.0	14.4	95.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	11.7	533.5	950.0	20.5	19.3	59.5	12.4	-10.4	-6.1	290.0	328.8	11.6	72.1	0.3	248.
1.4	14.1	764.4	925.0	20.4	13.1	59.0	13.3	-11.2	-7.0	300.2	327.9	10.3	62.9	0.9	243.
2.2	16.5	1001.0	900.0	19.1	12.5	53.3	11.5	-9.2	-6.8	301.2	328.8	10.2	65.4	1.5	240.
3.0	19.0	1242.9	875.0	17.5	10.2	43.6	7.8	-5.4	-5.7	301.9	326.5	9.0	62.4	2.0	238.
4.0	21.4	1490.5	850.0	16.3	8.1	11.4	4.8	-1.0	-4.7	303.3	325.5	8.0	58.3	2.3	234.
5.1	24.0	1743.9	825.0	13.9	7.1	339.9	5.0	1.7	-4.7	303.3	324.6	7.7	63.8	2.4	227.
6.1	25.5	2003.0	800.0	11.9	7.5	325.7	3.3	1.9	-2.8	303.9	326.5	8.2	74.1	2.5	221.
7.4	29.1	2268.3	775.0	10.0	8.1	275.7	2.3	2.3	-0.2	304.6	329.0	8.8	87.8	2.5	217.
8.6	31.8	2541.1	750.0	8.7	7.6	232.7	5.7	4.5	3.5	306.0	330.5	8.8	93.1	2.3	215.
9.8	34.4	2821.7	725.0	7.1	6.1	230.6	8.1	6.3	5.1	307.3	330.5	8.2	93.0	1.8	210.
11.0	37.1	3110.2	700.0	5.1	3.7	220.0	9.5	7.1	6.4	308.1	328.5	7.2	91.1	1.2	201.
12.2	39.9	3407.0	675.0	3.3	2.7	225.2	10.1	7.1	7.1	309.4	329.2	6.9	95.6	0.7	172.
13.3	42.7	3712.6	650.0	1.3	0.8	221.1	10.7	7.7	7.4	310.4	328.5	6.2	96.2	0.6	107.
14.7	45.6	4028.5	625.0	0.4	-0.1	229.7	11.8	9.0	7.6	312.9	330.7	6.1	96.5	1.4	70.
16.5	48.5	4355.6	600.0	-1.5	-2.0	230.8	12.2	9.7	7.4	314.4	330.7	5.5	96.3	2.6	61.
18.5	51.5	4694.2	575.0	-3.3	-4.0	235.9	12.3	9.5	7.8	316.1	331.0	5.0	94.7	4.1	58.
20.2	54.5	5045.1	550.0	-5.4	-6.3	225.6	11.5	8.2	8.1	317.7	330.9	4.3	92.8	5.3	56.
22.0	57.6	5409.6	525.0	-7.4	-8.6	225.9	11.6	8.4	7.9	319.6	331.3	3.8	91.1	6.5	54.
23.7	60.9	5788.6	500.0	-9.6	-10.9	225.3	11.8	8.4	8.3	321.4	331.8	3.3	90.0	7.7	53.
25.6	64.0	6182.6	475.0	-11.9	-13.3	223.4	13.1	9.0	9.5	323.3	332.5	2.9	89.2	9.1	51.
27.4	67.4	6593.4	450.0	-15.4	-17.9	220.0	15.8	11.4	11.0	323.9	330.6	2.1	81.3	10.6	50.
29.4	70.9	7023.8	425.0	-20.1	-25.7	228.0	16.8	12.5	11.2	323.2	326.9	1.1	60.7	12.6	50.
31.4	74.4	7472.1	400.0	-21.8	-40.5	223.5	18.1	12.5	13.2	326.7	327.7	0.3	16.4	14.7	49.
33.5	78.1	7943.6	375.0	-25.7	-48.7	223.6	18.4	12.7	13.4	327.6	328.3	0.2	14.9	16.9	48.
35.7	82.0	8441.9	350.0	-26.5	-37.0	225.1	18.6	13.2	13.2	333.0	334.7	0.4	36.1	19.5	48.
37.7	86.0	8973.2	325.0	-30.6	-40.2	225.5	16.5	11.8	11.6	334.5	335.8	0.3	38.2	21.6	48.
39.8	90.2	9536.6	300.0	-35.3	-42.9	227.4	16.3	12.0	11.0	335.6	336.6	0.3	45.3	23.6	48.
41.7	94.5	10136.6	275.0	-40.4	-49.9	233.4	17.4	14.0	10.4	336.6	339.9	99.9	99.9	25.5	48.
43.9	99.2	10778.5	250.0	-45.9	-59.9	239.7	17.7	15.3	9.0	337.9	339.9	99.9	99.9	27.8	49.
46.3	104.2	11470.6	225.0	-52.0	-59.9	240.6	19.6	17.1	9.6	338.8	339.9	99.9	99.9	30.2	49.
48.5	109.4	12223.0	200.0	-58.3	-59.9	999.9	99.9	99.9	99.9	340.4	339.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
 CHICKASHA, OKLAHOMA

 21 MAY 1979
 505 GMT

35 639. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	353.0	972.1	17.5	16.0	360.0	0.0	0.0	0.0	293.0	323.8	11.9	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	11.3	550.8	950.0	18.1	17.3	42.2	5.2	-3.5	-3.9	295.6	330.1	13.2	94.8	0.2	200.
1.7	13.6	775.5	925.0	16.6	15.7	74.7	9.1	-8.8	-2.4	296.3	328.5	12.3	94.3	0.5	227.
2.6	16.0	1013.2	900.0	15.9	13.8	87.1	11.4	-11.4	-0.6	297.9	327.4	11.1	87.2	1.1	249.
3.4	13.5	1252.9	875.0	14.7	12.1	83.4	9.2	-9.1	-1.1	299.1	326.5	10.2	84.3	1.6	254.
4.4	20.9	1458.2	850.0	13.4	10.1	75.4	7.2	-7.0	-1.8	300.2	325.2	9.2	80.5	2.0	256.
5.3	23.4	1749.5	825.0	12.1	9.2	50.5	6.2	-4.8	-4.0	301.4	325.6	8.9	82.3	2.4	254.
6.3	25.9	2007.3	800.0	10.7	8.7	23.1	6.4	-2.5	-5.9	302.6	326.9	8.5	86.9	2.7	249.
7.3	28.4	2271.7	775.0	8.5	7.7	356.7	6.9	0.4	-6.9	303.9	326.9	8.5	90.2	2.9	243.
8.4	31.0	2542.7	750.0	6.7	5.8	337.8	6.1	3.1	-7.5	303.9	325.4	7.8	93.8	3.0	233.
9.6	33.7	2821.4	725.0	5.4	4.3	324.5	7.5	4.4	-6.1	305.4	325.6	7.2	92.5	3.2	223.
11.0	36.3	3107.8	700.0	3.3	2.1	306.5	6.4	5.1	-3.8	306.2	324.2	6.4	91.5	3.3	212.
12.5	39.0	3402.1	675.0	1.2	-0.1	999.9	99.9	99.9	99.9	307.6	323.2	5.7	91.6	3.3	204.
14.1	41.8	3706.2	650.0	0.6	-0.5	999.9	99.9	99.9	99.9	309.7	326.2	5.7	92.1	999.9	999.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
 CHICKASHA, OKLAHOMA

 21 MAY 1979
 805 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	353.0	971.4	18.7	17.5	40.0	5.0	-3.2	-3.8	294.3	328.4	13.1	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	11.6	545.0	550.0	17.6	16.6	112.9	2.3	-2.1	0.9	295.1	328.1	12.6	93.6	0.3	221.
1.3	14.1	773.3	925.0	16.3	14.6	96.0	4.6	-4.6	0.5	296.0	326.0	11.4	90.0	0.4	239.
2.1	16.5	1006.9	950.0	15.7	12.9	92.4	6.4	-6.4	0.3	297.7	325.6	10.5	83.6	0.7	253.
3.0	19.0	1246.3	875.0	15.3	10.8	90.5	5.6	-5.6	0.1	299.7	324.9	9.3	74.3	1.0	260.
3.8	21.5	1492.0	850.0	13.9	9.7	75.3	3.6	-3.6	-0.9	300.7	325.1	9.0	75.8	1.2	261.
4.7	24.1	1743.6	825.0	12.3	6.5	80.9	2.4	-2.4	-0.4	301.7	322.1	7.4	67.7	1.3	259.
5.6	26.7	2001.7	800.0	11.4	5.7	93.8	4.2	-4.2	0.3	303.3	323.4	7.2	68.2	1.5	261.
6.4	29.3	2266.7	775.0	9.7	4.0	100.0	5.4	-5.3	0.9	304.3	322.8	6.6	67.3	1.7	263.
7.3	32.0	2538.2	750.0	7.6	2.8	109.1	4.0	-3.8	1.3	304.2	322.5	6.3	71.4	2.0	266.
8.2	34.7	2817.2	725.0	5.5	2.6	136.7	2.8	-1.9	2.0	305.2	323.5	6.4	81.7	2.1	268.
9.0	37.4	3103.8	700.0	3.6	2.4	178.9	3.2	-0.1	3.2	306.4	325.0	6.5	92.3	2.2	272.
10.0	40.2	3399.0	675.0	2.3	1.4	200.8	4.3	1.5	4.0	308.2	326.2	6.3	93.4	2.1	277.
10.9	43.0	3703.9	650.0	1.0	0.1	201.9	4.4	1.7	4.1	310.1	327.3	6.0	93.8	2.1	284.
12.0	45.9	4018.9	625.0	-0.4	-1.3	213.1	4.2	2.3	3.5	312.0	328.3	5.6	93.6	2.0	292.
13.1	48.9	4344.7	600.0	-2.2	-3.1	238.6	3.8	3.3	2.0	313.6	328.7	5.1	93.1	2.0	298.
14.3	51.9	4682.9	575.0	-3.6	-4.8	256.9	6.1	5.9	1.4	315.8	329.7	4.7	91.1	1.8	306.
15.4	55.0	5033.5	550.0	-5.6	-6.9	260.7	8.1	8.0	1.3	317.2	330.1	4.2	90.1	1.4	321.
16.6	58.1	5357.4	525.0	-7.9	-9.1	255.5	7.8	7.6	2.0	319.0	330.2	3.7	90.7	1.3	343.
17.8	61.4	5775.5	500.0	-10.2	-11.5	246.4	8.3	7.6	3.3	320.6	330.5	3.2	90.2	1.4	8.
19.1	64.7	6169.4	475.0	-12.4	-13.7	245.0	9.8	8.9	4.1	322.7	331.5	2.8	89.4	1.9	26.
20.3	68.1	6581.2	450.0	-14.8	-16.2	236.4	11.7	9.8	6.5	324.7	332.5	2.4	88.8	2.6	31.
21.7	71.6	7012.2	425.0	-17.2	-18.8	225.1	12.9	9.2	9.1	326.9	333.6	2.0	87.8	3.6	41.
23.3	75.2	7464.3	400.0	-20.2	-21.6	215.1	14.6	8.4	11.9	328.6	334.4	1.7	87.0	4.9	40.
24.9	79.0	7935.7	375.0	-23.6	-25.4	206.0	15.6	6.8	14.0	330.4	334.8	1.3	85.1	6.3	38.
26.9	82.8	8440.7	350.0	-27.4	-30.5	202.8	16.5	6.4	15.2	331.8	334.9	0.9	74.8	8.2	34.
28.7	86.8	8965.8	325.0	-31.7	-38.1	210.7	19.2	9.8	16.5	333.0	334.6	0.4	52.7	10.1	33.
30.8	91.2	9530.3	300.0	-35.4	-40.7	213.2	21.0	11.5	17.6	334.1	334.3	0.0	6.1	12.7	33.
33.3	95.6	10127.5	275.0	-41.7	99.9	208.4	21.4	10.1	18.8	334.2	334.9	99.9	999.9	15.7	31.
35.6	100.2	10765.6	250.0	-47.4	99.9	203.8	22.1	8.9	20.2	335.6	335.9	99.9	999.9	18.8	31.
38.3	105.3	11453.3	225.0	-53.3	99.9	211.7	22.7	11.9	19.3	336.9	336.9	99.9	999.9	22.3	31.
41.7	110.8	12201.4	200.0	-58.4	99.9	215.4	20.5	11.9	16.7	340.2	339.9	99.9	999.9	26.8	31.
45.2	116.5	13030.9	175.0	-63.6	99.9	227.9	22.0	10.3	14.7	344.9	339.9	99.9	999.9	31.0	31.
49.1	122.7	13964.6	150.0	-68.1	99.9	235.4	23.8	19.6	13.5	352.6	339.9	99.9	999.9	36.3	35.
54.5	130.0	15079.6	125.0	-82.5	99.9	263.1	19.7	19.5	2.4	389.0	339.9	99.9	999.9	42.5	40.
62.6	138.0	16462.5	100.0	-62.3	99.9	262.3	8.4	8.3	1.1	407.4	339.9	99.9	999.9	46.7	40.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
 CHICKASHA, OKLAHOMA

 21 MAY 1979
 1105 GMT

126 94. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	353.0	970.5	18.1	16.8	60.0	5.0	-4.3	-2.5	293.8	326.2	12.5	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	12.2	536.4	950.0	17.4	16.4	42.0	5.2	-3.5	-3.9	294.6	327.4	12.5	94.1	0.1	207.
1.3	14.5	764.5	925.0	15.8	14.9	55.8	7.4	-6.1	-4.1	295.5	325.9	11.6	94.2	0.4	218.
2.0	16.9	997.4	900.0	14.7	13.8	61.4	8.4	-7.4	-4.0	296.6	325.9	11.1	94.2	0.7	232.
2.7	19.4	1235.9	875.0	13.7	12.1	54.3	6.6	-5.4	-3.9	298.0	325.3	10.2	89.9	1.0	233.
3.5	21.8	1480.6	850.0	13.0	9.2	52.8	6.0	-4.8	-3.6	299.8	323.3	8.7	77.8	1.3	233.
4.4	24.3	1731.5	825.0	11.5	9.1	61.9	5.6	-4.9	-2.6	300.7	324.8	8.9	85.7	1.6	234.
5.3	26.8	1989.1	800.0	10.6	8.1	77.0	4.9	-4.8	-1.1	302.5	325.8	8.5	84.4	1.9	236.
6.2	29.3	2254.0	775.0	9.7	5.9	98.9	4.9	-4.8	0.8	304.2	325.3	7.6	77.4	2.1	239.
7.0	31.8	2526.0	750.0	8.0	5.0	105.1	5.3	-5.1	1.4	305.3	325.8	7.3	80.8	2.3	244.
8.1	34.4	2805.3	725.0	5.8	3.1	94.8	5.0	-5.0	0.4	305.5	324.6	6.6	82.7	2.6	248.
8.9	37.1	3092.3	700.0	4.0	2.5	92.9	5.0	-5.6	0.2	306.5	325.6	6.6	89.8	2.8	250.
9.9	39.8	3387.4	675.0	1.6	0.7	327.5	1.9	1.0	-1.6	307.4	324.6	6.0	94.0	2.9	251.
10.9	42.6	3691.3	650.0	0.2	-1.7	332.1	6.6	3.1	-5.8	309.2	324.3	5.2	87.5	2.9	248.
11.9	45.3	4005.9	625.0	-0.3	-7.0	318.9	12.8	8.4	-9.7	312.2	323.0	3.6	60.4	2.9	236.
13.0	48.2	4332.1	600.0	-1.6	-16.9	303.3	18.0	13.3	-8.6	314.3	319.6	1.7	29.9	2.8	216.
14.0	51.1	4669.4	575.0	-4.0	-22.3	291.9	18.5	15.3	-6.1	315.2	318.9	1.1	22.6	2.8	195.
15.0	54.1	5012.7	550.0	-6.1	-17.3	282.6	15.6	15.2	-3.4	316.9	322.6	1.8	40.6	3.0	175.
16.2	57.1	5382.0	525.0	-7.9	-16.2	274.2	13.7	13.7	-1.0	318.9	325.4	2.0	51.1	3.4	158.
17.5	60.3	5759.2	500.0	-11.2	-15.3	271.9	12.6	12.6	-0.4	319.2	326.7	2.3	72.0	3.9	144.
18.7	63.5	6150.6	475.0	-14.7	-16.6	265.3	12.4	12.3	1.0	319.8	326.8	2.2	85.2	4.5	135.
20.1	66.8	6558.7	450.0	-16.7	-27.0	257.7	14.6	14.2	3.1	322.2	325.4	0.9	40.8	5.2	125.
21.5	70.1	6925.8	425.0	-15.2	-62.1	243.7	17.9	16.0	7.9	324.4	324.5	0.0	1.0	6.1	115.
23.0	73.6	7434.0	400.0	-22.7	-64.4	236.5	18.2	15.2	10.1	325.5	325.6	0.0	1.0	7.2	104.
24.8	77.2	7903.3	375.0	-26.5	-66.9	227.6	20.6	15.2	13.9	326.5	326.5	0.0	1.0	8.5	94.
26.4	81.0	8397.8	350.0	-30.0	-69.1	218.6	27.1	16.9	21.2	328.4	328.4	0.0	1.0	10.1	83.
28.1	84.8	8922.6	325.0	-33.2	-40.6	217.7	30.5	18.6	24.1	330.5	332.2	0.3	46.9	12.4	73.
29.9	88.8	9480.1	300.0	-37.5	-46.0	222.7	32.2	21.9	23.7	332.5	333.3	0.2	40.4	15.4	66.
32.0	93.2	10074.9	275.0	-42.0	99.9	226.8	29.8	21.7	20.4	334.3	339.9	99.9	999.9	19.0	62.
34.1	97.6	10712.3	250.0	-47.5	99.9	232.7	32.2	25.7	19.5	335.4	339.9	99.9	999.9	22.9	60.
36.1	102.4	11399.4	225.0	-53.5	99.9	233.4	33.7	27.0	20.1	336.5	339.9	99.9	999.9	26.8	59.
38.4	107.4	12147.4	200.0	-58.6	99.9	237.3	33.4	28.1	18.0	340.0	339.9	99.9	999.9	31.5	58.
41.6	113.0	12978.1	175.0	-62.8	99.9	235.4	38.9	25.5	17.5	346.3	339.9	99.9	999.9	37.6	58.
45.6	119.0	13925.3	150.0	-63.0	99.9	248.4	33.1	30.8	12.2	361.6	339.9	99.9	999.9	45.3	58.
49.7	125.5	15055.5	125.0	-62.4	99.9	262.8	23.2	23.0	2.9	382.0	339.9	99.9	999.9	51.8	61.
55.1	131.0	16433.2	100.0	-62.2	99.9	599.9	99.9	99.9	99.9	407.5	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
CHILDRESS, TEXAS20 MAY 1979
1105 GMT

128 91. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	596.0	939.6	21.6	11.6	260.0	2.5	2.5	300.1	325.0	9.2	53.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	13.8	732.9	925.0	23.6	14.3	264.1	7.4	7.4	303.4	333.8	11.2	55.9	0.2	92.
1.5	16.2	972.3	900.0	22.5	14.9	265.4	11.7	11.7	304.8	337.3	11.9	61.9	0.7	87.
2.4	18.7	1217.6	875.0	21.6	14.2	269.7	16.6	16.6	306.2	338.4	11.7	62.7	1.5	87.
3.3	21.2	1469.5	850.0	21.5	13.1	269.5	15.3	15.3	308.7	339.9	11.2	58.6	2.5	89.
4.3	23.8	1727.9	825.0	19.3	11.4	270.2	11.8	11.8	309.0	338.0	10.4	60.2	3.3	88.
5.3	26.3	1992.2	800.0	17.5	9.5	277.7	13.9	13.8	309.9	336.3	9.4	59.1	4.0	89.
6.3	28.9	2262.9	775.0	15.9	5.6	290.7	9.1	8.5	310.9	332.1	7.4	50.4	4.6	91.
7.2	31.6	2541.1	750.0	13.9	3.5	290.4	6.8	6.4	311.7	330.8	6.6	49.5	5.1	93.
8.3	34.3	2826.1	725.0	11.5	2.7	280.2	5.8	5.7	312.1	330.7	6.4	54.6	5.4	94.
9.3	37.0	3118.1	700.0	8.8	1.4	286.8	5.8	5.6	312.2	330.0	6.1	59.7	5.8	94.
10.5	39.8	3417.9	675.0	5.8	-1.1	299.8	6.4	5.5	312.1	327.5	5.3	61.3	6.2	96.
11.6	42.7	3725.9	650.0	3.3	-2.6	299.9	6.4	5.6	312.7	327.1	4.9	65.0	6.5	97.
12.6	45.6	4042.8	625.0	0.5	-8.7	281.0	6.7	6.6	313.1	322.8	3.2	50.5	6.9	98.
13.8	48.5	4370.0	600.0	-0.2	-20.1	268.8	10.1	10.1	315.8	320.0	1.3	20.5	7.5	98.
14.9	51.5	4709.0	575.0	-2.8	-21.4	261.3	13.3	13.2	316.6	320.8	1.2	22.9	8.3	97.
16.0	54.5	5060.3	550.0	-5.0	-12.9	254.6	13.4	12.9	318.2	326.3	2.6	53.7	9.2	95.
17.4	57.8	5425.1	525.0	-6.1	-31.4	253.3	9.9	9.4	322.1	323.0	0.5	11.3	10.0	93.
18.8	61.0	5804.7	500.0	-9.0	-27.0	254.2	9.6	9.2	324.9	324.9	0.8	21.5	10.8	91.
20.1	64.3	6199.4	475.0	-12.2	-23.7	246.0	9.4	8.6	322.9	326.9	1.2	37.7	11.5	90.
21.6	67.7	6610.6	450.0	-15.0	-22.7	237.5	7.5	6.3	324.4	329.0	1.4	51.7	12.2	88.
23.1	71.1	7040.5	425.0	-18.2	-30.4	241.4	7.3	6.4	325.6	328.1	0.7	33.4	12.7	87.
24.5	74.7	7490.2	400.0	-22.1	-23.5	257.4	10.0	9.7	326.3	331.1	1.4	88.1	13.4	86.
26.1	78.5	7962.2	375.0	-25.7	-27.2	275.4	15.3	15.3	327.6	331.4	1.1	87.1	14.6	86.
27.7	82.3	8458.8	350.0	-29.0	-39.7	278.8	22.4	22.1	329.7	331.0	0.4	35.8	16.3	88.
29.3	86.3	8984.9	325.0	-32.5	-44.7	274.6	28.5	28.4	331.9	332.8	0.2	29.0	18.8	89.
31.1	90.6	9543.2	300.0	-37.1	-42.7	269.9	28.8	28.7	333.1	334.2	0.3	55.5	22.0	89.
33.2	95.0	10138.7	275.0	-41.9	99.9	264.1	28.4	28.2	334.5	999.9	99.9	99.9	25.2	88.
35.3	99.6	10776.9	250.0	-46.8	99.9	268.9	34.3	34.3	336.2	999.9	99.9	99.9	29.3	88.
37.3	104.6	11467.9	225.0	-51.7	99.9	274.9	32.1	32.0	339.3	999.9	99.9	99.9	34.4	88.
40.5	109.8	12222.9	200.0	-56.9	99.9	280.0	32.2	31.8	342.6	999.9	99.9	99.9	39.5	90.
43.7	115.5	13058.0	175.0	-62.1	99.9	286.3	27.4	26.3	347.4	999.9	99.9	99.9	45.1	91.
47.0	121.7	14002.4	150.0	-66.0	99.9	274.9	25.4	25.3	356.5	999.9	99.9	99.9	49.9	93.
50.9	128.5	15108.8	125.0	-63.9	99.9	278.6	28.9	28.6	379.2	999.9	99.9	99.9	56.8	92.
55.1	136.0	16473.9	100.0	-63.9	99.9	285.8	17.5	16.8	404.2	999.9	99.9	99.9	62.7	93.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
CHILDRESS, TEXAS20 MAY 1979
1415 GMT

40 565. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.5	596.0	940.6	26.1	12.5	250.0	6.0	5.6	2.1	304.5	331.4	9.8	43.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	13.9	745.4	925.0	24.8	15.8	246.9	8.3	7.6	3.3	304.7	338.3	12.3	57.3	0.4	70.
1.5	16.3	985.4	900.0	22.6	15.1	255.2	9.3	9.0	2.4	304.8	337.8	12.1	62.4	0.8	71.
2.2	18.6	1230.3	875.0	20.6	14.0	256.0	9.7	9.7	0.7	305.2	336.9	11.6	65.9	1.2	74.
3.2	21.0	1481.3	850.0	21.1	12.9	276.2	8.1	8.1	-0.9	308.2	339.1	11.1	59.5	1.7	80.
4.2	23.4	1740.0	825.0	20.7	9.2	277.9	5.6	5.6	-0.8	310.5	335.7	8.9	47.6	2.1	83.
5.1	25.3	2005.5	800.0	18.7	8.2	274.4	5.4	5.4	-0.4	311.1	335.6	8.6	50.5	2.4	85.
6.1	28.3	2277.3	775.0	16.4	7.2	274.1	4.4	4.0	1.7	311.5	335.1	8.3	54.4	2.7	85.
7.3	30.8	2555.7	750.0	14.2	5.1	280.6	3.3	2.2	2.5	312.0	333.3	7.4	54.4	2.9	83.
8.5	33.4	2940.9	725.0	11.5	3.8	214.3	2.4	1.4	2.0	312.1	332.2	7.0	59.1	3.1	80.
9.6	36.0	3133.2	700.0	8.8	3.2	212.3	3.2	1.7	2.7	312.2	332.2	6.9	67.6	3.2	78.
10.7	38.6	3433.5	675.0	6.1	1.0	157.6	4.4	1.3	4.2	312.5	330.4	6.1	69.9	3.4	74.
12.0	41.3	3741.7	650.0	3.4	-0.9	177.4	5.3	-0.2	5.3	312.8	329.1	5.5	73.7	3.5	69.
13.3	44.1	4058.8	625.0	0.7	-3.9	181.0	5.6	0.1	5.6	313.3	326.9	4.6	71.3	3.6	62.
14.5	46.9	4385.6	600.0	-1.4	-10.2	99.9	99.9	99.9	99.9	314.3	323.5	2.9	50.9	999.9	999.9
15.7	49.8	4724.1	575.0	-3.5	-8.9	99.9	99.9	99.9	99.9	315.9	326.3	3.4	65.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
 CHILDRESS, TEXAS

 20 MAY 1979
 1710 GMT

124 97.0 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	596.0	941.8	27.2	13.2	360.0	6.0	0.0	-6.0	305.6	333.6	10.2	42.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	13.3	754.9	925.0	24.8	16.6	11.0	5.4	-1.0	-5.3	308.7	340.0	13.0	60.5	0.2 188.	
1.5	15.6	995.1	900.0	23.1	16.1	29.5	5.5	-2.7	-4.8	305.4	340.5	12.9	64.5	0.5 195.	
2.3	18.1	1240.2	875.0	20.2	14.5	29.1	4.8	-2.3	-4.2	304.8	337.4	12.0	69.6	0.7 202.	
3.4	20.5	1490.4	850.0	18.3	14.8	355.2	3.6	0.3	-3.6	305.3	339.7	12.6	80.1	1.0 201.	
4.2	23.0	1746.5	825.0	17.7	11.5	251.8	2.8	2.6	0.9	307.3	336.2	10.4	67.0	1.1 197.	
5.1	25.5	2010.4	800.0	17.6	9.9	187.3	3.1	-0.7	3.0	309.5	337.1	9.7	60.9	0.9 196.	
6.0	28.1	2281.3	775.0	15.8	7.8	131.6	2.6	-1.9	1.7	310.8	335.3	8.6	58.7	0.8 204.	
6.9	30.7	2559.5	750.0	13.9	7.1	152.6	2.9	-1.3	2.6	311.7	335.9	8.5	63.3	0.8 214.	
7.8	33.2	2844.6	725.0	11.3	5.8	181.7	5.1	0.2	5.1	311.9	334.8	8.0	68.7	0.7 224.	
8.8	36.0	3136.9	700.0	9.0	4.7	189.7	7.1	1.2	7.0	312.4	334.6	7.7	74.8	0.4 262.	
9.7	38.6	3437.4	675.0	6.2	3.7	188.9	8.4	1.3	8.3	312.6	334.1	7.5	84.1	0.5 317.	
10.9	41.4	3746.2	650.0	4.0	0.2	184.5	10.5	0.8	10.4	313.5	331.1	6.0	76.3	1.0 347.	
12.0	44.3	4064.0	625.0	1.3	-0.5	187.3	12.1	1.5	12.0	313.9	331.4	5.9	88.0	1.8 353.	
13.2	47.2	4391.7	600.0	-1.4	-2.2	206.7	13.1	5.9	11.7	314.2	330.6	5.5	94.6	2.6 1.	
14.3	50.1	4730.2	575.0	-3.5	-4.6	220.0	15.0	9.7	11.5	316.0	330.2	4.7	91.5	3.5 10.	
15.3	53.1	5080.7	550.0	-6.0	-7.7	253.1	17.2	12.6	12.6	317.0	328.9	3.9	87.9	4.5 18.	
16.7	56.1	5444.8	525.0	-9.6	-13.8	229.3	17.8	13.5	11.6	320.3	328.2	2.5	57.2	5.7 25.	
18.0	59.3	5824.1	500.0	-15.6	-16.6	228.4	15.0	11.3	10.0	321.4	328.1	2.1	56.5	6.9 29.	
19.3	62.5	6218.2	475.0	-12.5	-19.6	219.7	11.9	7.6	9.1	323.5	328.0	1.7	55.4	7.9 31.	
20.5	65.9	6628.8	450.0	-15.9	-22.3	219.6	9.2	5.9	7.1	323.3	327.9	1.4	57.5	8.7 32.	
22.0	69.3	7057.2	425.0	-19.1	-24.3	239.3	8.6	7.4	4.4	324.2	328.7	1.2	63.1	9.3 33.	
23.4	72.7	7505.8	400.0	-22.4	-25.8	243.2	14.5	12.9	6.5	325.5	329.8	1.2	74.0	10.1 36.	
24.8	76.3	7977.1	375.0	-25.8	-29.7	242.0	19.0	16.7	8.9	327.4	330.4	0.9	69.7	11.5 39.	
26.6	80.1	8474.0	350.0	-28.9	-33.3	234.9	20.1	16.4	11.6	329.8	332.1	0.6	65.4	13.4 42.	
29.2	84.0	9000.3	325.0	-32.8	-37.3	234.5	23.8	19.4	13.8	331.2	333.2	0.5	63.7	15.3 44.	
30.1	89.2	9558.7	300.0	-37.5	-43.4	231.4	29.5	23.1	19.4	333.5	333.5	0.3	53.7	18.3 45.	
31.8	92.3	10152.7	275.0	-42.6	-49.9	231.2	36.5	28.5	22.9	333.5	999.9	99.9	999.9	21.9 46.	
34.5	97.0	10790.4	250.0	-47.1	-59.9	234.6	37.9	30.9	21.9	336.1	999.9	99.9	999.9	27.8 47.	
37.1	101.8	11481.5	225.0	-51.8	-69.9	238.6	38.3	32.7	19.9	339.2	999.9	99.9	999.9	33.7 49.	
39.9	106.8	12236.4	200.0	-56.7	-79.9	241.0	39.4	34.5	19.1	343.0	999.9	99.9	999.9	40.1 51.	
43.1	112.5	13075.8	175.0	-60.0	-89.9	247.3	32.9	30.3	12.7	350.9	999.9	99.9	999.9	47.2 53.	
46.4	118.5	14029.7	150.0	-64.2	-99.9	241.5	27.8	24.4	13.3	359.6	999.9	99.9	999.9	52.6 54.	
50.0	125.2	15148.5	125.0	-61.7	-99.9	249.3	25.4	23.8	9.0	383.3	999.9	99.9	999.9	58.9 55.	
54.4	132.7	16527.9	100.0	-62.1	-99.9	999.9	99.9	99.9	99.9	407.7	999.9	99.9	999.9	999.9 999.	
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9 999.	
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9 999.	
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9 999.	

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
CHILDRESS, TEXAS20 MAY 1979
2001 GMT

124 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	596.0	940.6	27.1	16.7	40.0	7.0	-4.5	-5.4	305.6	340.6	12.9	53.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.6	13.7	783.9	925.0	25.4	17.7	40.0	6.6	-4.9	-4.4	305.3	343.2	13.9	62.2	0.4	224.
1.5	16.1	984.9	900.0	24.1	17.7	50.8	6.2	-4.8	-3.9	306.3	345.3	14.3	67.5	0.7	227.
2.4	18.5	1231.0	875.0	21.4	17.7	56.0	7.4	-6.2	-4.2	306.0	344.5	14.1	76.2	1.1	227.
4.4	20.9	1492.0	850.0	18.8	16.5	77.4	8.0	-7.8	-1.8	305.5	344.2	14.1	86.4	1.5	233.
6.2	23.3	1738.6	825.0	16.6	14.4	93.3	7.7	-7.7	0.4	306.2	340.7	12.6	86.7	1.9	240.
8.0	25.8	2000.9	790.0	15.5	8.6	117.5	4.8	-4.2	2.2	307.7	332.6	8.9	64.1	2.2	246.
5.0	28.3	2287.8	775.0	15.5	7.8	170.8	1.6	-0.3	1.6	310.4	334.9	8.6	60.3	2.2	249.
7.0	30.9	2542.5	750.0	13.8	6.8	132.7	1.7	-1.2	1.1	311.5	335.3	8.3	62.7	2.3	251.
8.3	32.5	2833.7	725.0	11.6	5.3	231.4	4.2	3.3	2.6	312.2	334.4	7.7	65.3	2.2	251.
8.9	36.1	3126.1	700.0	9.1	3.8	216.7	8.8	5.3	7.1	312.2	333.3	7.2	69.4	1.8	256.
10.0	38.5	3420.0	675.0	6.3	2.4	212.4	10.5	5.7	8.9	312.7	332.3	6.8	76.1	1.4	276.
11.1	41.6	3735.3	650.0	3.8	0.4	215.1	10.6	6.2	8.8	313.3	331.1	6.1	78.1	1.3	304.
12.2	44.3	4053.3	625.0	1.4	-1.0	222.2	11.1	7.4	8.2	314.1	330.9	5.7	83.9	1.4	334.
13.5	47.2	4381.1	600.0	-0.5	-4.3	225.0	12.0	8.0	8.9	315.2	329.5	4.7	75.8	1.9	0.
14.7	50.1	4720.5	575.0	-3.0	-7.5	215.7	15.2	8.9	12.4	316.2	329.4	4.8	88.9	2.7	13.
15.9	53.1	5071.1	550.0	-5.7	-10.2	214.7	17.2	9.8	14.2	317.3	329.4	4.0	87.5	3.9	20.
17.1	56.1	5435.1	525.0	-6.6	-16.2	219.9	16.2	10.4	12.4	320.4	327.0	2.1	46.5	5.1	23.
18.5	59.3	5814.4	500.0	-8.8	-22.7	231.9	16.7	13.1	10.3	322.3	326.4	1.2	31.5	6.3	28.
19.9	62.5	6210.3	475.0	-11.1	-25.3	223.0	21.7	14.8	19.9	324.3	329.1	1.5	42.1	7.7	32.
21.3	65.7	6624.6	450.0	-12.5	-28.1	209.0	22.7	11.0	19.9	327.2	331.2	1.1	33.9	9.7	33.
22.8	69.1	7058.8	425.0	-15.6	-28.1	235.8	25.3	20.9	16.2	328.9	332.0	0.9	33.3	11.7	33.
24.2	72.6	7513.3	400.0	-19.2	-29.7	198.2	28.3	8.9	27.0	330.0	332.9	0.8	38.9	13.6	37.
25.8	76.2	7988.9	375.0	-23.9	-33.6	199.0	26.3	4.1	26.0	330.0	332.1	0.6	40.4	15.7	29.
27.4	80.0	8468.7	350.0	-28.2	-40.6	211.0	32.0	28.0	15.5	330.7	331.4	0.2	18.9	17.8	29.
29.2	83.9	9017.1	325.0	-31.4	-49.7	207.6	39.7	18.4	35.2	333.4	333.8	0.1	14.4	20.8	37.
31.2	88.0	9575.1	300.0	-35.4	-52.8	204.6	35.0	14.5	31.8	335.2	335.8	0.1	14.8	24.5	30.
33.2	92.3	10178.9	275.0	-40.5	-59.9	218.1	32.1	19.8	25.3	336.6	339.9	99.9	999.9	28.1	31.
35.4	97.0	10822.3	250.0	-44.8	-69.9	223.4	34.1	23.4	24.7	339.2	339.9	99.9	999.9	32.5	33.
37.7	101.8	11519.1	225.0	-50.2	-79.9	221.6	34.4	22.9	25.8	341.2	339.9	99.9	999.9	37.2	34.
39.8	107.0	12278.0	200.0	-55.1	-99.9	224.0	33.0	23.0	23.8	345.6	339.9	99.9	999.9	1.4	35.
41.9	112.7	13118.4	175.0	-60.4	-99.9	217.0	30.0	18.1	24.0	350.3	339.9	99.9	999.9	45.6	36.
45.0	119.0	14064.7	150.0	-66.1	-99.9	210.6	29.0	14.8	25.0	356.2	339.9	99.9	999.9	50.6	35.
48.6	126.0	15172.9	125.0	-64.3	-99.9	237.8	28.2	23.8	15.0	378.2	339.9	99.9	999.9	56.7	36.
52.2	134.0	16526.2	100.0	-62.6	-99.9	99.9	99.9	99.9	99.9	406.2	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
CHILDRESS, TEXAS

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	596.0	938.6	21.2	12.1	40.0	10.0	-6.4	-7.7	299.7	325.4	9.5	56.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	99.9
0.4	14.0	724.2	525.0	24.8	16.9	60.7	14.7	-12.8	-7.2	304.7	340.7	13.3	61.5	0.5	239.
1.6	16.5	964.7	900.0	22.9	17.0	65.1	15.1	-13.7	-6.4	305.1	342.4	13.8	69.7	1.4	242.
2.5	18.0	1209.9	875.0	20.3	16.3	69.0	14.2	-13.3	-5.1	304.9	341.5	13.5	77.8	2.3	243.
3.4	21.7	1460.8	850.0	18.7	16.8	74.2	12.2	-11.8	-3.3	305.8	344.7	14.3	88.3	3.0	246.
4.3	24.3	1716.9	825.0	16.1	14.8	71.2	10.1	-9.6	-3.3	305.7	341.0	13.0	91.7	3.6	247.
5.1	26.9	1978.9	800.0	14.3	13.3	74.4	8.5	-8.2	-2.3	306.4	339.7	12.1	94.0	4.0	247.
5.9	28.6	2247.2	775.0	12.4	11.4	70.0	6.9	-9.3	-3.4	307.2	337.8	11.1	93.7	4.4	248.
6.6	32.3	2522.5	750.0	10.6	9.7	999.9	99.9	99.9	99.9	308.0	336.4	10.2	94.3	4.5	248.
7.3	35.1	2804.5	725.0	8.3	7.5	999.9	99.9	99.9	99.9	308.6	333.9	9.0	94.2	999.9	999.
7.9	37.9	3095.1	700.0	7.0	6.2	999.9	99.9	99.9	99.9	310.2	334.4	8.5	94.5	999.9	999.
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
 CHILDRESS, TEXAS

 20 MAY 1979
 2337 GMT

95 215. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.5	596.0	940.0	17.2	17.2	60.0	6.0	-5.2	-3.0	295.5	330.1	13.3	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	13.9	733.0	925.0	16.9	99.9	99.9	99.9	99.9	99.9	296.6	99.9	99.9	99.9	99.9	99.9
1.5	16.3	965.6	900.0	16.5	99.9	99.9	99.9	99.9	99.9	298.5	99.9	99.9	99.9	99.9	99.9
2.6	18.7	1203.2	875.0	16.0	11.6	99.9	99.9	99.9	99.9	300.4	327.2	9.9	75.2	99.9	99.9
3.6	21.2	1451.7	850.0	15.3	9.5	99.9	99.9	99.9	99.9	302.2	326.4	8.8	68.3	1.5	255.
4.4	23.8	1704.5	825.0	14.0	7.1	101.4	6.0	-5.9	1.2	303.4	324.8	7.7	63.0	1.9	258.
5.3	26.3	1964.2	800.0	13.3	6.9	148.5	4.8	-2.5	4.1	305.2	327.3	7.9	65.4	2.1	262.
6.3	28.9	2231.0	775.0	12.0	6.0	198.0	5.1	1.6	4.8	306.7	328.1	7.6	66.4	2.1	270.
7.2	31.6	2505.5	750.0	10.5	4.4	233.0	5.5	4.4	3.3	307.5	327.9	7.0	65.9	1.9	278.
8.0	34.2	2782.8	725.0	9.6	3.5	253.0	4.6	4.4	1.3	310.0	329.5	6.8	65.6	1.7	281.
8.9	37.0	3078.7	700.0	8.1	1.3	252.5	6.7	6.4	2.0	311.5	329.1	6.0	62.1	1.5	287.
9.9	39.7	3378.2	675.0	5.8	-0.1	252.1	9.4	8.9	2.9	312.1	328.7	5.7	65.9	1.2	299.
10.9	42.6	3686.2	650.0	3.4	-1.4	253.5	11.1	10.6	3.1	312.8	328.4	5.3	70.8	0.8	338.
11.8	45.4	4003.5	625.0	1.1	-3.4	245.2	10.8	10.1	3.9	313.7	327.8	4.8	71.9	1.0	15.
13.2	48.3	4331.2	600.0	-0.2	-5.1	231.6	12.6	9.9	7.9	315.9	329.1	4.4	69.8	1.7	38.
14.8	51.4	4670.9	575.0	-2.7	-5.3	213.3	16.7	9.1	13.9	316.8	330.4	4.5	82.5	3.1	38.
16.0	54.4	5021.8	550.0	-5.7	-10.0	210.5	18.5	9.4	16.0	317.2	327.4	3.3	71.6	4.5	36.
17.1	57.5	5385.1	525.0	-7.9	-9.7	211.6	18.0	9.4	15.3	318.9	329.7	3.5	87.3	5.7	35.
18.1	60.7	5764.1	500.0	-5.5	-11.0	212.6	16.6	8.9	14.0	321.4	331.8	3.3	89.2	6.7	35.
19.5	64.0	6159.0	475.0	-11.4	-13.2	213.7	13.5	7.7	11.1	323.9	333.1	2.9	86.3	8.0	34.
21.9	67.4	6573.0	450.0	-13.3	-15.3	222.0	11.3	7.6	8.4	326.5	334.8	2.6	84.7	9.7	35.
24.0	70.9	7006.5	425.0	-16.0	-18.3	231.3	10.5	8.2	6.6	328.4	335.4	2.1	82.5	11.0	36.
26.1	74.4	7461.0	400.0	-19.2	-21.9	238.4	10.7	9.1	5.6	330.1	335.7	1.7	79.1	12.3	38.
28.6	78.2	7938.3	375.0	-22.6	-25.9	235.0	10.8	8.8	6.2	331.7	335.9	1.2	74.3	13.7	40.
31.6	82.0	8441.0	350.0	-26.2	-30.1	235.4	12.1	10.0	6.9	333.4	336.3	0.9	69.2	15.8	42.
34.0	86.0	8972.0	325.0	-30.9	-35.3	232.0	12.2	9.6	7.5	334.2	336.5	0.6	64.6	17.5	43.
36.1	90.2	9535.5	300.0	-35.0	-39.9	223.8	14.4	9.8	10.5	336.0	337.5	0.4	60.8	19.0	44.
38.4	94.4	10136.6	275.0	-39.8	-39.9	223.2	16.2	11.1	11.8	337.6	337.9	99.9	99.9	21.1	43.
41.4	99.0	10779.5	250.0	-45.9	-59.9	235.1	18.4	15.1	10.5	337.9	339.9	99.9	99.9	24.3	44.
46.3	104.0	11472.0	225.0	-51.8	-59.9	242.6	24.3	21.5	11.2	339.1	339.9	99.9	99.9	30.2	48.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
CHILDRESS, TEXAS

21 MAY 1979
209 GMT

47 517. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.1	596.0	942.5	19.0	18.3	360.0	10.0	0.0	-10.0	297.2	334.5	14.3	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	13.8	757.6	925.0	18.2	17.4	29.1	11.2	-5.4	-9.8	298.0	335.0	13.7	94.8	0.7	216.
1.6	16.2	953.1	900.0	17.5	16.6	38.3	9.8	-6.1	-7.7	299.6	335.0	13.3	94.1	1.2	215.
2.6	18.7	1234.0	875.0	16.0	14.9	55.9	8.0	-6.6	-4.5	300.4	333.4	12.3	93.2	1.7	219.
3.8	21.2	1480.8	850.0	14.8	13.6	65.0	5.0	-4.5	-2.1	301.6	332.9	11.6	92.6	2.2	223.
5.5	23.7	1733.5	825.0	13.6	9.8	206.0	5.2	2.3	4.7	303.0	328.5	9.3	78.0	2.1	225.
6.5	26.2	1992.4	800.0	11.8	7.4	249.7	9.7	9.1	3.4	303.6	326.3	8.2	74.6	1.8	218.
9.1	29.8	2258.4	775.0	11.6	3.9	235.8	10.2	8.5	5.8	306.2	324.9	6.6	59.3	1.0	192.
11.0	31.4	2531.8	750.0	9.6	2.8	233.9	12.1	9.8	7.1	307.0	324.8	6.3	62.4	1.6	96.
12.0	34.0	2812.1	725.0	6.9	1.6	236.6	13.7	11.5	7.6	307.0	324.1	6.0	69.1	2.2	82.
13.5	36.8	3100.3	700.0	5.2	1.0	227.5	13.3	9.8	9.0	308.3	325.3	5.9	74.3	3.5	73.
15.0	39.4	3396.9	675.0	3.3	-0.2	217.7	11.1	6.8	8.8	309.2	325.5	5.6	77.9	4.2	66.
16.3	42.3	3702.6	650.0	1.5	-1.0	229.2	11.5	8.7	7.5	310.7	326.7	5.5	83.4	5.2	62.
19.2	45.1	4018.1	625.0	0.0	-1.5	238.7	7.4	6.3	3.8	312.5	328.7	5.5	89.7	6.2	61.
21.0	49.0	4344.9	600.0	-1.6	-3.2	241.5	6.6	5.8	3.1	314.3	329.3	5.0	88.3	7.2	60.
23.2	51.0	4683.5	575.0	-3.1	-5.0	246.5	7.5	6.9	3.0	316.4	330.2	4.6	86.6	8.1	61.
25.3	54.0	5034.9	550.0	-4.8	-7.0	244.6	8.1	7.3	3.5	318.4	331.0	4.1	84.3	9.1	61.
28.0	57.1	5400.1	525.0	-6.8	-9.2	999.9	99.9	99.9	99.9	320.2	331.5	3.6	83.1	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
 CHILDRESS, TEXAS

 21 MAY 1979
 520 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.5	596.0	943.2	17.7	16.9	90.0	7.0	-7.0	0.0	295.6	329.7	13.0	95.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	14.3	763.0	925.0	16.7	16.0	81.3	12.2	-12.0	-1.8	298.4	329.1	12.5	95.8	0.6	258.
1.5	16.7	997.0	900.0	16.2	15.2	87.4	11.9	-11.9	-0.5	298.3	330.5	12.2	93.4	1.2	261.
2.3	19.2	1237.4	875.0	15.5	14.2	95.0	9.0	-9.0	0.8	299.9	331.3	11.7	91.8	1.7	264.
3.0	21.6	1483.8	850.0	14.7	13.0	88.7	7.4	-7.4	-0.2	301.6	331.7	11.2	89.2	2.0	266.
3.6	24.1	1736.3	825.0	12.7	10.3	73.6	5.9	-5.7	-1.7	302.0	328.2	9.6	85.5	2.3	265.
4.4	26.7	1995.6	800.0	12.9	9.2	19.4	2.4	-0.8	-2.2	304.9	330.3	9.2	78.3	2.5	264.
5.3	29.2	2202.5	775.0	12.1	6.4	321.3	2.6	1.6	-2.1	306.9	328.9	7.8	68.0	2.4	262.
6.1	31.8	2536.9	750.0	10.2	5.3	302.5	4.3	3.6	-2.3	307.7	328.8	7.5	71.6	2.3	259.
7.0	34.4	2818.8	725.0	8.3	4.6	278.8	7.2	7.1	-1.1	308.6	329.6	7.4	77.6	2.1	254.
7.9	37.1	3108.3	700.0	6.4	2.8	267.2	9.4	9.4	0.5	309.6	328.2	6.7	77.2	1.6	250.
9.0	39.9	3406.0	675.0	4.0	0.4	259.1	10.5	10.5	0.2	310.2	327.2	5.9	77.2	1.0	240.
9.9	42.8	3712.3	650.0	1.7	-0.0	270.4	10.7	10.7	-0.1	310.6	327.9	5.9	88.5	0.6	206.
10.9	45.6	4028.0	625.0	-0.5	-2.5	261.6	12.1	11.9	1.8	311.8	326.8	5.1	86.4	0.6	146.
11.8	48.4	4353.3	600.0	-3.2	-3.9	249.5	13.4	12.5	4.7	312.4	326.6	4.8	95.1	1.1	106.
12.8	51.4	4689.4	575.0	-5.3	-6.2	243.4	13.1	11.8	5.9	313.2	326.4	4.2	93.3	1.8	89.
13.9	54.5	5037.4	550.0	-7.3	-8.1	239.8	12.8	11.0	6.4	315.4	326.9	3.8	94.1	2.6	81.
15.0	57.6	5399.6	525.0	-9.0	-9.8	232.8	13.7	10.9	8.3	317.6	328.2	3.5	94.2	3.4	75.
16.1	60.8	5776.6	500.0	-10.4	-11.2	224.3	13.3	9.3	9.5	320.4	330.5	3.2	93.6	4.2	69.
17.4	64.0	6170.6	475.0	-12.4	-13.4	216.6	11.6	6.9	9.3	322.6	331.7	2.9	92.3	5.1	64.
18.6	67.4	6582.4	450.0	-15.1	-16.2	210.3	11.1	5.6	9.6	324.3	332.0	2.4	90.9	5.8	60.
19.8	70.9	7012.7	425.0	-17.5	-18.8	204.8	9.5	4.0	8.6	326.5	333.2	2.0	89.9	6.5	56.
21.1	74.4	7464.4	400.0	-20.7	-22.2	194.1	10.0	2.4	9.7	328.1	333.5	1.6	87.7	7.0	53.
22.5	78.1	7938.8	375.0	-24.2	-26.1	183.8	11.8	0.8	11.8	329.5	333.7	1.2	84.5	7.7	48.
24.0	82.0	8437.4	350.0	-28.6	-31.3	178.2	14.0	-0.4	14.0	330.2	332.9	0.8	77.7	8.5	42.
25.6	86.0	8964.7	325.0	-31.8	-34.7	169.7	19.3	-3.4	19.0	332.6	335.0	0.6	75.1	9.7	36.
27.6	90.2	9525.6	300.0	-36.6	-40.1	162.9	24.0	-7.1	23.0	333.8	335.3	0.4	69.7	11.5	25.
29.6	94.6	10121.5	275.0	-42.0	-49.9	156.8	21.7	-5.0	21.2	334.4	339.9	99.9	99.9	13.8	17.
31.7	99.3	10755.1	250.0	-47.8	-59.9	150.0	20.5	1.8	20.5	335.1	339.9	99.9	99.9	16.2	14.
33.6	104.4	11445.8	225.0	-53.7	-63.7	142.7	25.1	9.7	23.1	336.2	339.9	99.9	99.9	19.7	14.
35.5	109.8	12191.5	200.0	-59.3	-69.9	128.0	31.7	20.4	23.3	336.2	339.9	99.9	99.9	21.6	16.
39.1	115.6	13019.8	175.0	-63.8	-72.8	116.0	36.9	25.1	27.1	344.9	339.9	99.9	99.9	26.7	22.
41.1	122.0	13965.7	150.0	-60.2	-69.9	103.6	28.0	21.9	17.4	365.4	339.9	99.9	99.9	32.5	26.
43.9	129.0	15089.0	125.0	-65.7	-72.8	99.9	23.2	18.4	14.2	376.0	339.9	99.9	99.9	36.0	29.
47.6	137.0	16450.3	100.0	-62.2	-69.9	99.9	99.9	99.9	99.9	407.5	339.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	339.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	339.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	339.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
CHILDRESS, TEXAS

21 MAY 1979
807 GMT

131 90. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	12.3	596.0	943.5	16.8	15.7	100.0	7.0	-6.9	1.2	294.6	326.1	12.0	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	14.1	765.1	925.0	15.8	14.6	103.8	7.8	-7.6	1.9	295.6	325.4	11.4	92.6	0.4	273.
1.3	16.5	998.2	900.0	14.8	13.7	111.6	8.8	-8.2	3.2	296.8	326.0	11.0	92.9	0.9	280.
2.2	19.0	1234.7	875.0	13.7	12.6	117.4	7.7	-6.8	3.5	298.0	326.1	10.6	93.2	1.3	285.
3.1	21.5	1481.8	850.0	13.5	12.1	124.9	3.3	-2.7	1.9	300.3	328.7	10.6	91.6	1.6	288.
3.9	24.1	1733.6	825.0	12.7	8.7	93.7	3.4	-3.4	0.2	302.0	325.6	8.6	76.8	1.7	288.
4.9	26.7	1992.2	800.0	12.1	5.1	73.7	3.8	-3.6	-1.1	304.0	323.4	6.9	62.6	1.9	285.
5.8	29.3	2258.3	775.0	11.8	4.1	37.1	2.2	0.1	-2.2	306.5	325.3	6.7	59.5	2.0	282.
6.8	32.0	2532.7	750.0	11.4	3.9	290.3	2.9	2.7	-1.0	308.9	328.3	6.8	60.1	1.9	280.
7.8	34.7	2815.2	725.0	8.9	2.8	291.6	4.3	4.3	0.2	309.2	327.8	6.5	65.8	1.7	280.
8.9	37.4	3104.9	700.0	6.3	2.4	271.9	6.3	6.3	-0.2	309.6	328.2	6.5	76.2	1.4	281.
9.9	40.2	3402.4	675.0	4.0	0.8	289.6	5.8	5.5	-2.0	310.1	327.5	6.0	79.6	0.9	283.
10.9	43.1	3708.7	650.0	1.7	-1.6	277.6	3.6	3.6	-0.5	310.9	326.3	5.3	79.0	0.7	277.
11.9	46.0	4024.1	625.0	-0.2	-4.4	255.4	6.7	6.5	1.7	312.2	325.4	4.4	72.8	0.5	295.
12.9	49.0	4345.1	600.0	-3.3	-6.5	281.6	12.7	12.5	-2.5	312.3	324.0	3.9	78.2	0.3	94.
13.9	52.0	4655.0	575.0	-5.7	-7.3	257.8	10.4	10.2	2.2	313.3	324.9	3.9	88.8	0.8	87.
14.9	55.0	5032.7	550.0	-7.5	-13.2	251.3	11.3	10.7	3.6	315.2	322.9	2.5	63.4	1.5	81.
16.1	59.1	5384.2	525.0	-9.3	-20.5	245.5	11.6	10.5	4.8	317.3	322.2	1.5	41.5	2.3	77.
17.3	61.4	5770.1	500.0	-11.2	-27.3	247.5	14.2	13.1	5.4	319.4	322.1	0.8	25.1	3.2	73.
19.7	64.7	6161.7	475.0	-14.2	-46.3	248.4	15.1	14.0	5.6	320.4	320.9	0.1	42.4	4.4	73.
20.0	68.1	6569.5	450.0	-17.3	-60.9	234.0	17.1	13.8	10.1	321.5	321.6	0.0	1.0	5.7	69.
21.5	71.7	6995.3	425.0	-20.4	-82.9	238.8	16.8	14.4	8.7	322.9	323.0	0.0	1.0	7.1	67.
23.0	75.3	7441.8	400.0	-23.3	-94.8	235.2	17.1	14.0	9.8	324.7	324.8	0.0	1.0	8.6	65.
24.4	79.0	7910.7	375.0	-26.9	-67.1	218.8	16.1	10.1	12.6	326.0	326.0	0.0	1.0	10.0	63.
26.0	83.0	8405.3	350.0	-30.6	-46.7	196.5	16.5	4.7	15.8	327.5	328.1	0.2	18.7	11.2	58.
27.6	87.0	8929.2	325.0	-33.7	-71.6	200.7	16.7	5.9	15.6	330.3	330.3	0.0	1.0	12.4	53.
29.3	91.2	9484.9	300.0	-38.4	-74.8	211.1	21.8	11.3	18.7	331.2	331.2	0.0	1.0	14.1	50.
31.1	95.7	10077.2	275.0	-42.7	99.9	213.3	24.2	13.3	20.2	333.3	999.9	99.9	999.9	16.7	47.
33.4	100.5	10714.3	250.0	-47.3	99.9	218.1	25.7	15.9	20.2	335.6	999.9	99.9	999.9	19.9	45.
35.6	105.6	11404.0	225.0	-52.4	99.9	221.9	32.7	21.9	24.4	338.2	999.9	99.9	999.9	23.7	45.
38.1	111.0	12160.1	200.0	-55.2	99.9	225.0	37.2	26.3	26.3	345.3	999.9	99.9	999.9	29.3	44.
41.1	117.0	13001.0	175.0	-60.6	99.9	222.6	33.9	22.9	26.3	350.0	999.9	99.9	999.9	35.3	44.
44.4	123.3	13955.1	150.0	-62.4	99.9	234.0	32.7	26.4	19.2	362.6	999.9	99.9	999.9	42.3	45.
48.2	130.5	15084.2	125.0	-61.8	99.9	246.3	25.5	23.4	10.2	363.2	999.9	99.9	999.9	48.6	47.
52.7	138.7	16463.7	100.0	-59.6	99.9	275.2	18.8	18.7	-1.7	412.6	999.9	99.9	999.9	53.6	50.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
 CHILDRESS, TEXAS

 21 MAY 1979
 1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.6	596.0	943.5	17.1	15.8	20.0	2.5	-0.9	-2.3	295.1	326.7	12.1	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	14.3	764.7	925.0	16.1	99.9	79.9	4.3	-6.2	-1.1	295.2	99.9	99.9	99.9	0.3	241.
1.4	10.6	598.0	900.0	15.4	12.8	94.1	6.7	-6.7	0.5	298.7	325.1	10.4	84.6	0.5	257.
2.2	19.0	1237.0	875.0	14.4	11.6	79.3	5.9	-5.8	-1.1	297.4	325.2	9.9	83.3	0.8	262.
3.0	21.5	1482.5	850.0	13.2	11.5	72.0	4.1	-3.9	-1.3	300.0	327.2	10.1	89.2	1.1	259.
3.9	23.9	1733.4	825.0	10.9	10.2	78.6	2.2	-2.1	-0.4	300.1	325.9	9.5	95.3	1.3	259.
4.7	26.4	1990.5	800.0	10.2	7.6	95.4	1.5	-1.5	0.1	302.0	326.8	8.3	84.7	1.3	260.
5.6	28.9	2254.9	775.0	10.4	1.0	32.8	1.3	-0.7	-1.1	305.0	320.2	5.4	52.5	1.4	260.
6.5	31.4	2527.9	750.0	5.4	1.8	302.0	1.4	1.2	-0.8	306.8	323.5	5.9	59.0	1.4	258.
7.4	34.0	2808.7	725.0	8.0	2.1	323.1	1.4	0.8	-1.1	308.3	325.9	6.2	65.9	1.3	256.
8.5	36.7	3057.4	700.0	5.6	1.2	339.4	2.4	0.8	-2.2	308.7	326.0	6.0	73.2	1.3	251.
9.5	39.4	3354.4	675.0	3.6	-3.2	348.2	2.7	0.6	-2.7	309.6	325.8	4.5	61.3	1.3	243.
10.4	42.1	3655.8	650.0	1.2	-4.6	320.5	2.7	1.7	-2.1	310.3	322.7	4.2	65.4	1.4	237.
11.6	44.9	4014.5	625.0	-1.2	-5.0	273.0	3.5	3.5	-0.2	311.1	323.6	4.2	75.3	1.3	231.
12.7	47.8	4338.9	600.0	-3.9	-9.3	257.0	5.1	4.9	1.1	311.7	321.2	3.2	65.9	1.0	222.
13.9	50.8	4674.4	575.0	-5.7	-12.8	249.2	6.6	6.2	2.4	313.3	321.0	2.5	57.4	0.7	205.
15.1	53.6	5021.2	550.0	-8.6	-11.9	246.0	9.4	8.6	3.8	313.9	322.5	2.8	76.8	0.5	153.
16.5	56.8	5380.8	525.0	-10.7	-17.0	228.3	14.4	10.8	9.6	315.6	321.8	2.0	60.6	1.0	83.
17.8	59.9	5755.9	500.0	-11.7	-27.3	228.7	15.1	11.4	10.0	318.8	318.9	0.0	1.0	2.1	64.
19.0	63.0	6146.3	475.0	-14.7	-32.7	229.4	14.3	10.9	9.3	319.2	321.6	0.5	19.7	3.2	59.
20.3	66.4	6552.1	450.0	-18.0	-34.7	229.4	15.0	11.4	9.8	320.6	322.1	0.4	21.6	4.3	56.
22.2	63.7	6976.9	425.0	-21.9	-33.7	240.8	15.6	13.7	7.6	320.5	322.7	0.5	33.1	6.0	56.
24.0	73.3	7420.1	400.0	-25.7	-34.7	246.1	15.7	14.4	6.3	321.7	323.4	0.5	42.4	7.7	58.
25.8	76.9	7885.9	375.0	-28.1	-33.9	232.4	14.9	11.8	9.1	324.4	326.4	0.6	57.6	9.4	59.
27.5	80.6	8377.1	350.0	-31.9	-37.9	228.4	14.3	10.7	9.5	325.7	327.2	0.4	54.9	10.9	57.
29.0	84.5	8897.1	325.0	-35.6	-41.6	222.8	15.0	10.2	11.0	327.7	328.7	0.3	53.4	12.2	56.
31.0	88.7	9450.1	300.0	-38.3	-46.6	206.5	19.5	8.7	17.5	331.4	332.1	0.2	40.8	13.9	53.
32.4	93.0	10042.9	275.0	-43.1	99.9	206.6	27.8	12.5	24.9	332.8	99.9	99.9	99.9	15.6	50.
33.9	97.6	10676.5	250.0	-48.9	99.9	210.3	35.5	17.9	30.6	333.4	99.9	99.9	99.9	18.3	46.
36.4	102.6	11359.9	225.0	-54.4	99.9	217.5	37.7	23.0	29.9	335.2	99.9	99.9	99.9	23.7	43.
39.1	107.9	12106.2	200.0	-58.5	99.9	231.3	38.9	30.3	24.3	340.1	99.9	99.9	99.9	29.9	43.
42.4	113.5	12942.8	175.0	-60.0	99.9	243.6	36.6	32.8	16.3	350.9	99.9	99.9	99.9	37.4	46.
45.6	119.7	13907.9	150.0	-57.0	99.9	255.6	25.6	24.8	6.4	371.8	99.9	99.9	99.9	43.1	50.
49.3	126.7	15055.5	125.0	-60.3	99.9	245.8	19.9	18.2	8.2	385.9	99.9	99.9	99.9	47.3	52.
53.6	134.7	16425.3	100.0	-62.1	99.9	287.9	13.9	13.3	-4.3	407.7	99.9	99.9	99.9	51.6	54.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NC. 26
CLINTON SHERMAN, OKLAHOMA

20 MAY 1979
1113 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	584.0	941.1	17.9	16.4	360.0	0.0	0.0	0.0	296.2	329.2	12.6	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	13.8	733.7	925.0	21.4	18.5	278.8	5.9	5.5	-0.5	301.2	340.3	14.7	83.9	0.1	89.
1.6	16.3	972.2	900.0	22.6	14.2	258.8	10.4	10.2	2.0	304.6	336.5	11.6	60.5	0.6	84.
2.6	18.7	1218.8	875.0	23.7	9.6	263.7	15.5	12.4	1.4	308.5	332.8	8.6	40.7	1.3	81.
3.6	21.2	1476.9	850.0	21.9	8.4	269.3	13.7	13.7	0.2	309.1	332.2	8.2	41.8	2.0	84.
4.6	23.8	1729.1	825.0	19.7	7.0	268.9	15.4	15.4	0.3	309.4	331.2	7.7	43.7	2.9	85.
5.5	26.3	1993.3	800.0	17.7	6.0	271.7	15.0	15.0	-0.4	310.0	331.1	7.4	46.3	3.8	86.
6.6	28.9	2264.1	775.0	15.9	6.1	269.3	14.0	14.0	0.2	310.9	332.9	7.7	52.2	4.7	87.
7.4	31.6	2541.7	750.0	13.4	4.1	271.2	12.3	12.3	-0.3	311.2	331.0	6.9	53.2	5.4	88.
8.4	34.2	2826.2	725.0	11.5	-0.8	266.8	9.3	9.3	0.5	312.0	326.8	5.0	42.6	6.0	88.
9.5	37.0	3118.1	700.0	8.6	-2.8	259.3	8.9	8.8	1.7	312.0	325.3	4.5	44.5	6.6	88.
10.6	39.8	3417.9	675.0	6.0	-5.1	246.9	8.9	8.2	3.5	312.4	324.0	3.9	44.4	7.2	86.
11.7	42.6	3725.9	650.0	3.6	-8.2	232.5	8.2	6.5	5.0	313.1	322.7	3.2	41.4	7.7	84.
13.0	45.5	4042.7	625.0	0.6	-10.5	221.7	7.3	5.4	4.9	313.2	321.6	2.7	42.9	8.2	82.
14.2	48.4	4368.7	600.0	-1.7	-23.3	228.0	6.2	4.6	4.1	314.1	317.3	1.0	17.4	8.6	80.
15.7	51.4	4706.8	575.0	-2.8	-29.0	234.6	8.5	6.9	4.9	316.7	318.7	0.6	11.1	9.1	78.
17.1	54.5	5057.3	550.0	-4.9	-30.5	241.8	14.3	12.6	6.8	318.3	320.1	0.5	11.3	10.0	77.
18.4	57.6	5421.5	525.0	-7.1	-33.7	230.4	17.7	14.7	9.8	319.5	321.3	0.4	9.8	11.3	75.
19.8	60.9	5799.8	500.0	-10.0	-35.6	230.3	15.6	12.0	10.0	320.5	322.1	0.4	10.1	12.7	72.
21.3	64.1	6193.0	475.0	-13.0	-37.7	238.8	15.0	12.9	7.8	321.9	323.0	0.3	10.4	13.9	71.
22.9	67.6	6603.6	450.0	-15.6	-39.5	245.3	15.6	14.2	6.5	323.7	324.7	0.3	10.7	15.3	70.
24.6	71.0	7032.4	425.0	-18.8	-39.8	247.1	14.7	13.5	5.7	324.9	325.9	0.3	13.6	17.0	70.
26.6	74.7	7480.3	400.0	-22.9	-33.2	240.3	14.7	12.8	7.3	325.2	327.2	0.6	39.0	18.6	69.
28.4	78.4	7950.1	375.0	-26.3	-31.9	231.9	18.0	14.2	11.1	326.6	329.2	0.7	58.9	20.3	68.
30.4	82.3	8446.7	350.0	-29.2	-31.1	238.7	22.2	19.0	11.5	329.4	332.2	0.8	83.4	22.7	66.
32.5	86.3	8971.7	325.0	-33.7	-36.7	244.1	24.6	23.9	11.6	330.3	332.1	0.5	73.7	25.7	66.
34.7	90.5	9528.0	300.0	-38.1	-44.5	241.8	34.6	30.5	16.3	331.7	332.6	0.2	50.5	29.6	66.
37.0	95.0	10121.3	275.0	-42.5	-49.9	240.6	37.6	32.7	18.4	333.7	339.9	99.9	999.9	34.7	65.
39.6	99.6	10760.1	250.0	-46.5	-49.9	245.3	38.8	35.3	16.2	337.0	339.9	99.9	999.9	40.8	65.
42.8	104.6	11451.9	225.0	-51.5	-59.9	248.5	39.9	36.2	14.3	339.7	339.9	99.9	999.9	48.1	65.
45.9	110.0	12206.3	200.0	-57.1	-59.9	253.9	39.0	37.5	10.8	342.4	339.9	99.9	999.9	55.5	66.
49.2	116.0	13038.1	175.0	-63.7	-59.9	253.6	28.7	28.7	7.4	344.7	339.9	99.9	999.9	62.4	67.
52.8	122.2	13977.9	150.0	-66.8	-59.9	241.3	29.8	26.1	14.3	355.0	339.9	99.9	999.9	68.3	67.
57.1	129.3	15081.1	125.0	-65.5	-59.9	249.2	34.6	32.3	12.3	376.4	339.9	99.9	999.9	76.9	67.
61.8	137.3	16433.0	100.0	-65.5	-59.9	99.9	99.9	99.9	99.9	401.2	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
 CLINTON SHERMAN, OKLAHOMA

 20 MAY 1979
 1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	11.9	534.0	943.0	20.8	16.6	50.0	5.0	-3.6	-3.2	298.4	332.7	12.8	77.0	0.0	0.
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.6	13.6	750.2	925.0	17.8	10.6	50.3	6.2	-4.7	-3.9	297.5	331.6	13.0	92.7	0.3	221.
1.3	16.0	985.7	900.0	20.2	13.4	3.6	4.5	-0.3	-4.5	302.3	331.7	10.8	64.9	0.5	224.
2.1	18.4	1229.9	875.0	21.3	9.5	279.1	4.8	4.7	-0.8	305.5	329.7	8.6	47.0	0.5	199.
3.0	20.9	1480.7	850.0	20.1	8.6	277.6	5.1	4.7	1.9	307.2	330.4	8.3	47.5	0.4	178.
3.9	23.4	1737.3	825.0	17.9	7.6	253.1	7.7	7.7	0.9	307.5	330.0	8.0	50.9	0.5	132.
4.8	25.9	2000.1	800.0	16.5	6.3	242.4	7.9	7.9	-0.3	308.7	330.1	7.5	51.0	0.9	113.
5.8	28.4	2270.4	775.0	15.4	5.4	224.3	7.7	7.6	0.8	310.4	331.2	7.3	51.2	1.3	106.
6.7	31.0	2547.6	750.0	13.3	2.2	260.0	8.1	8.0	1.4	311.0	328.4	6.0	47.0	1.7	99.
7.8	33.7	2832.3	725.0	11.3	2.1	261.2	7.9	7.8	1.6	312.2	328.8	5.7	53.2	2.2	95.
8.8	36.3	3124.5	700.0	8.7	0.5	258.0	7.8	7.6	1.6	312.2	328.8	5.7	56.2	2.7	92.
9.9	39.0	3424.3	675.0	6.3	-0.5	259.4	7.1	7.0	1.3	312.7	328.9	5.5	61.7	3.2	90.
10.9	41.8	3732.5	650.0	3.7	-4.8	261.1	5.8	5.7	0.9	313.2	328.5	4.1	53.8	3.6	89.
12.1	44.6	4049.4	625.0	0.6	-6.8	248.5	6.4	6.0	2.4	313.1	324.2	3.7	57.7	3.9	88.
13.2	47.5	4376.2	600.0	-0.2	-47.1	239.0	10.3	8.8	5.3	315.8	316.2	0.1	1.4	4.4	85.
14.3	50.5	4714.9	575.0	-2.7	-51.6	230.9	13.1	11.5	6.4	316.5	317.1	0.1	1.0	5.2	81.
15.3	53.5	5065.6	550.0	-5.4	-53.3	227.8	14.1	13.0	5.3	317.7	317.9	0.0	1.0	6.0	78.
16.6	56.6	5428.4	525.0	-8.5	-55.3	246.8	14.4	13.2	5.7	318.2	318.4	0.0	1.0	7.0	77.
18.2	59.8	5805.7	500.0	-10.1	-58.2	240.0	13.2	11.5	6.6	320.7	322.4	0.5	14.4	8.3	75.
19.9	63.0	6198.9	475.0	-12.8	-53.6	243.9	12.4	11.1	5.5	325.1	323.7	0.5	15.6	9.6	73.
21.4	66.3	6609.8	450.0	-15.3	-50.0	247.4	11.0	10.2	4.2	324.0	326.4	0.7	26.9	10.6	72.
23.0	69.7	7036.2	425.0	-19.5	-50.4	237.7	11.8	10.0	6.3	324.0	326.5	0.7	37.7	11.7	71.
24.7	73.1	7486.0	400.0	-22.7	-42.0	231.1	12.6	9.8	7.9	325.5	326.4	0.2	16.6	12.8	70.
26.5	76.9	7956.7	375.0	-25.7	-31.1	246.4	17.7	16.2	7.1	327.5	330.2	0.8	60.4	14.4	68.
29.2	80.6	8453.0	350.0	-29.6	-36.8	251.4	24.5	23.2	7.8	328.9	330.5	0.5	49.6	16.5	69.
30.3	84.5	8978.1	325.0	-32.9	-46.6	247.8	32.6	30.2	12.3	331.3	332.0	0.2	23.7	20.1	69.
32.5	88.7	9536.0	300.0	-37.4	-50.1	241.4	36.7	32.2	17.6	332.7	333.2	0.1	25.2	24.9	68.
35.0	93.0	10130.2	275.0	-42.1	-59.9	238.7	38.4	32.8	20.0	334.3	339.9	99.9	999.9	30.4	66.
37.5	97.6	10769.7	250.0	-45.9	-59.9	240.7	40.2	35.1	19.7	337.5	339.9	99.9	999.9	36.3	65.
40.0	102.6	11462.4	225.0	-51.3	-59.9	243.4	39.8	35.6	17.8	339.5	339.9	99.9	999.9	42.4	65.
42.9	107.8	12215.9	200.0	-57.8	-59.9	248.3	36.2	33.6	13.4	341.2	339.9	99.9	999.9	48.9	65.
46.1	113.5	13049.1	175.0	-62.0	-59.9	249.1	31.0	29.0	11.1	347.6	339.9	99.9	999.9	55.5	66.
49.6	120.0	13989.8	150.0	-67.6	-59.9	239.9	34.4	29.7	17.3	353.7	339.9	99.9	999.9	61.6	65.
53.5	126.7	15059.8	125.0	-63.4	-59.9	99.9	99.9	99.9	99.9	380.2	339.9	99.9	999.9	999.9	999.9
58.1	134.7	16476.5	100.0	-62.4	-59.9	99.9	99.9	99.9	99.9	407.2	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
CLINTON SHERRAN, OKLAHOMA

20 MAY 1979
1734 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	584.0	944.2	25.7	15.7	70.0	5.0	-4.7	-1.7	303.8	336.4	12.0	54.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.6	14.6	763.7	925.0	21.4	15.5	62.6	11.7	-10.4	-5.4	301.2	333.7	12.1	69.5	0.2	261.
1.2	17.0	1001.2	900.0	19.6	15.8	57.8	10.9	-9.3	-5.8	301.7	335.8	12.7	78.9	0.6	248.
1.8	19.5	1243.6	875.0	17.1	15.4	52.8	9.7	-7.7	-4.5	301.2	335.7	12.7	90.1	1.0	243.
2.5	22.0	1490.9	850.0	15.4	14.8	36.2	5.6	-3.3	-4.5	302.2	336.2	12.6	95.9	1.3	240.
3.3	24.5	1745.9	825.0	15.9	8.5	310.4	2.9	2.2	-1.9	306.4	330.2	8.5	57.9	1.4	236.
4.1	27.1	2008.0	800.0	16.2	3.5	262.5	4.8	4.7	0.6	308.4	326.1	6.2	42.7	1.2	230.
4.9	29.6	2277.5	775.0	14.9	2.7	230.9	5.1	4.0	3.2	309.8	327.2	6.0	43.8	1.0	225.
5.8	32.2	2554.3	750.0	13.5	1.4	204.9	6.2	2.6	5.6	311.3	327.8	5.7	43.6	0.7	230.
6.7	34.9	2838.9	725.0	11.4	1.0	190.3	8.9	1.6	8.7	312.0	328.7	5.7	48.7	0.5	260.
7.4	37.6	3130.9	700.0	8.6	-1.0	204.0	8.9	3.6	8.1	312.1	327.1	5.1	50.8	0.5	308.
8.5	40.2	3424.7	675.0	5.7	99.9	214.1	7.5	4.2	6.2	312.1	327.1	99.9	999.9	0.8	353.
9.3	43.0	3736.5	650.0	3.2	99.9	210.7	7.0	3.6	6.0	312.6	328.6	99.9	999.9	1.1	5.
10.1	45.9	4053.0	625.0	1.5	99.9	215.6	6.7	3.9	5.5	314.1	328.6	99.9	999.9	1.4	11.
11.3	48.8	4379.6	600.0	-1.7	99.9	225.6	9.9	7.0	6.9	314.1	328.6	99.9	999.9	1.8	20.
12.4	51.7	4716.5	575.0	-4.5	-9.2	229.2	12.1	9.2	7.9	314.7	324.8	3.3	69.9	2.7	28.
13.5	54.8	5065.6	550.0	-6.7	-6.7	999.9	99.9	99.9	99.9	316.1	328.6	4.2	100.0	999.9	999.9
14.7	57.8	5428.5	525.0	-8.1	-8.1	999.9	99.9	99.9	99.9	318.7	330.9	4.0	100.0	999.9	999.9
15.6	60.9	5806.8	500.0	-10.0	-10.1	999.9	99.9	99.9	99.9	320.9	331.9	3.6	99.3	999.9	999.9
16.4	64.1	6200.9	475.0	-12.8	-14.2	999.9	99.9	99.9	99.9	322.2	330.7	2.7	88.6	999.9	999.9
17.3	67.5	6611.6	450.0	-15.7	-17.3	999.9	99.9	99.9	99.9	323.5	330.6	2.2	87.4	999.9	999.9
18.5	71.0	7040.3	425.0	-19.0	-21.1	999.9	99.9	99.9	99.9	324.7	330.2	1.7	83.0	999.9	999.9
19.8	74.5	7488.5	400.0	-22.9	-27.4	999.9	99.9	99.9	99.9	325.2	328.6	1.0	66.6	999.9	999.9
21.1	78.2	7958.5	375.0	-26.6	-31.7	999.9	99.9	99.9	99.9	326.5	328.9	0.7	61.6	9.1	46.
22.5	82.0	8453.3	350.0	-30.3	-35.7	248.3	23.0	21.4	8.5	328.0	329.8	0.5	58.8	10.5	50.
23.8	86.0	8976.3	325.0	-34.0	-39.3	240.9	25.5	22.3	12.4	329.9	331.4	0.4	64.3	12.5	52.
25.1	90.2	9533.2	300.0	-37.9	-43.9	231.8	32.9	29.9	20.4	331.5	332.9	0.3	52.9	14.8	53.
26.5	94.5	10126.8	275.0	-42.7	-49.9	230.9	40.7	31.6	25.7	333.4	333.9	99.9	999.9	17.8	52.
28.3	99.2	10763.3	250.0	-47.5	-59.9	234.8	44.6	36.5	25.8	335.5	335.9	99.9	999.9	22.3	52.
30.4	104.2	11452.4	225.0	-52.1	-69.9	240.5	38.5	33.5	19.0	338.6	339.9	99.9	999.9	27.7	53.
32.9	109.4	12207.0	200.0	-57.2	-79.9	240.5	48.0	34.8	19.7	342.2	342.9	99.9	999.9	33.5	55.
35.7	115.2	13043.2	175.0	-61.3	-89.9	243.8	33.5	30.0	14.8	348.6	348.9	99.9	999.9	39.7	56.
39.0	121.5	13987.8	150.0	-65.8	-99.9	240.4	32.4	28.2	16.0	356.7	356.9	99.9	999.9	45.8	57.
42.5	128.3	15103.2	125.0	-69.4	-99.9	248.8	27.5	25.6	9.9	360.2	360.9	99.9	999.9	52.8	58.
47.0	136.3	16481.8	100.0	-60.9	-99.9	999.9	99.9	99.9	99.9	410.1	369.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.3	584.0	943.1	24.2	16.5	40.0	6.0	-3.9	-4.6	302.4	336.4	12.6	62.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	12.9	752.8	925.0	20.9	15.4	38.7	11.5	-7.2	-8.0	300.7	330.9	11.3	66.4	0.3	227.
1.0	15.3	989.8	900.0	19.0	15.4	43.3	11.7	-8.0	-8.5	301.1	334.1	12.3	79.3	0.7	223.
1.8	17.6	1231.8	875.0	16.9	15.1	55.8	10.6	-8.8	-6.0	301.3	334.7	12.4	89.0	1.2	225.
2.6	20.1	1478.9	850.0	14.9	14.2	63.1	11.0	-8.8	-5.0	301.6	334.3	12.1	95.2	1.7	231.
3.5	22.5	1732.3	825.0	13.8	13.2	68.4	9.1	-8.5	-3.4	303.2	334.9	11.7	96.2	2.3	234.
4.4	25.0	1991.9	800.0	13.2	5.9	62.0	3.9	-3.4	-1.8	305.2	325.7	7.3	61.1	2.6	237.
5.2	27.4	2260.0	775.0	14.7	2.7	26.5	1.9	-0.8	-1.7	309.6	327.1	6.1	44.7	2.7	235.
6.2	30.0	2536.6	750.0	13.0	3.4	23.2	2.2	1.2	1.8	310.7	329.6	6.5	51.9	2.6	236.
7.0	32.5	2821.4	725.0	11.4	1.7	200.7	3.3	1.2	3.1	312.0	329.5	6.0	51.3	2.5	237.
7.8	35.1	3113.5	700.0	9.4	-3.2	194.0	4.1	1.0	4.0	312.9	325.8	4.3	40.9	2.4	241.
8.8	37.7	3414.0	675.0	7.0	-7.2	194.1	4.1	1.0	4.0	313.2	323.5	3.3	35.5	2.2	245.
9.8	40.4	3722.8	650.0	4.0	-8.2	208.0	5.2	2.4	4.6	313.5	323.1	3.2	40.3	2.1	250.
10.8	43.2	4040.1	625.0	0.7	-8.8	221.5	7.8	5.2	5.9	313.3	328.0	5.0	77.2	1.8	257.
11.8	46.0	4367.2	600.0	-1.2	-3.6	233.4	10.7	8.6	6.4	314.2	329.4	4.9	83.3	1.3	270.
12.8	48.9	4705.6	575.0	-3.7	-5.9	244.9	11.2	10.1	4.8	315.7	328.6	4.3	85.0	0.8	295.
14.0	51.8	5055.3	550.0	-6.2	-9.0	249.3	13.4	12.5	4.7	316.7	327.5	3.5	80.5	0.7	6.
15.3	54.8	5418.6	525.0	-8.0	-16.3	245.0	14.3	13.0	6.0	318.8	325.3	2.0	51.4	1.6	48.
16.6	57.9	5796.7	500.0	-9.6	-21.9	240.4	11.4	9.9	5.6	321.4	325.7	1.3	36.1	2.6	52.
17.9	61.0	6191.8	475.0	-11.3	-30.0	258.4	11.6	11.5	2.4	324.0	326.3	0.7	19.5	3.4	56.
19.1	64.1	6604.2	450.0	-14.3	-26.5	255.5	14.1	14.1	1.1	325.3	328.6	1.0	34.5	4.2	62.
20.3	67.5	7033.9	425.0	-18.7	-24.5	259.4	15.5	15.2	2.7	325.0	329.1	1.2	60.1	5.2	67.
21.7	71.0	7482.3	400.0	-22.4	-20.8	255.3	21.1	19.2	6.8	325.6	329.5	1.1	67.6	6.7	68.
22.8	74.4	7954.8	375.0	-24.1	-27.8	227.5	26.5	19.5	17.9	329.7	333.2	1.0	71.1	8.3	66.
24.0	79.1	8455.2	350.0	-27.1	-31.0	216.1	29.8	17.6	24.1	332.2	335.1	0.8	69.2	10.3	61.
25.4	82.0	8984.7	325.0	-31.6	-35.7	213.6	32.5	18.0	27.1	333.2	335.2	0.6	66.7	12.5	56.
27.2	86.0	9547.4	300.0	-35.4	-40.3	214.3	39.4	22.2	32.5	335.4	336.8	0.4	60.6	16.1	51.
29.5	90.2	10147.7	275.0	-40.2	99.9	211.1	42.3	21.9	36.2	337.1	999.9	99.9	99.9	19.2	48.
30.4	94.7	10791.7	250.0	-44.8	99.9	204.4	43.4	18.0	39.5	339.4	999.9	99.9	99.9	23.9	44.
32.2	99.4	11488.3	225.0	-50.4	99.9	201.8	43.6	16.2	40.5	341.3	999.9	99.9	99.9	28.4	40.
34.6	104.4	12248.6	200.0	-55.4	99.9	201.9	45.8	17.0	42.5	345.0	999.9	99.9	99.9	34.5	37.
37.7	109.8	13085.9	175.0	-62.6	99.9	208.6	48.9	23.4	42.9	348.6	999.9	99.9	99.9	42.9	34.
40.7	116.0	14020.1	150.0	-69.0	99.9	220.4	43.3	28.1	33.0	351.2	999.9	99.9	99.9	51.9	34.
43.5	122.5	15119.1	125.0	-66.8	99.9	235.7	30.7	25.3	17.3	374.1	999.9	99.9	99.9	58.0	36.
47.8	130.0	16475.3	100.0	-60.1	99.9	999.9	99.9	99.9	99.9	411.6	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

20 MAY 1979
2150 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	11.8	584.0	942.1	23.1	16.4	50.0	6.0	-4.6	-3.9	301.4	335.1	12.6	66.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	13.4	743.9	925.0	21.7	16.5	39.1	9.7	-6.1	-7.5	301.8	336.1	12.9	72.1	0.3	216.
1.1	15.8	981.5	900.0	19.8	16.8	49.9	10.0	-7.7	-6.5	301.9	338.1	13.5	82.7	0.6	219.
1.8	18.2	1223.8	875.0	17.0	15.7	43.1	10.9	-7.5	-8.0	301.4	336.1	13.0	92.0	1.0	225.
2.5	20.7	1471.2	850.0	15.2	14.4	59.6	10.8	-7.3	-5.5	302.0	334.9	12.2	95.0	1.5	225.
3.3	23.2	1724.3	825.0	14.0	13.2	88.1	8.3	-8.3	-0.3	303.4	335.1	11.7	95.1	1.9	231.
4.0	25.7	1984.5	800.0	12.9	11.7	108.8	7.0	-6.6	2.3	304.9	334.7	10.9	92.2	2.1	238.
4.8	28.2	2231.4	775.0	12.0	4.9	113.3	4.3	-4.0	1.7	306.6	326.7	7.1	61.7	2.3	243.
5.5	30.8	2526.1	750.0	11.0	1.5	123.6	3.0	-2.5	1.7	308.2	325.0	5.7	92.0	2.4	246.
6.4	33.4	2809.0	725.0	9.8	4.0	147.0	4.0	-2.2	3.3	310.2	330.5	7.1	67.3	2.4	250.
7.3	36.1	3099.9	700.0	7.9	2.7	144.5	3.3	-1.9	2.7	311.2	330.4	6.7	69.4	2.5	255.
8.3	38.9	3399.0	675.0	5.4	2.4	158.7	2.3	-0.8	2.2	311.7	331.2	6.8	81.3	2.6	258.
9.3	41.7	3706.6	650.0	2.7	-4.1	186.1	2.2	0.2	2.2	312.1	325.0	4.4	60.6	2.6	261.
10.3	44.4	4023.1	625.0	0.4	-5.6	223.5	2.9	2.0	2.1	313.0	325.1	4.0	64.1	2.5	264.
11.3	47.3	4349.6	600.0	-1.7	-2.7	247.3	5.9	5.4	2.3	314.2	329.7	5.2	92.9	2.3	267.
12.4	50.2	4687.2	575.0	-4.6	-5.9	252.1	8.6	8.1	2.6	314.6	327.5	4.3	90.6	1.8	270.
13.7	53.2	5036.7	550.0	-6.0	-7.5	249.3	11.8	11.1	4.2	316.9	329.0	4.0	89.2	1.1	287.
15.1	56.3	5399.1	525.0	-8.5	-18.6	255.2	12.8	12.3	3.3	318.2	323.6	1.7	43.8	0.7	355.
16.3	59.4	5776.5	500.0	-10.3	-19.7	262.7	11.5	11.5	1.5	320.2	325.7	1.6	46.1	1.2	46.
17.5	62.7	6170.5	475.0	-12.1	-29.5	256.1	11.9	11.6	2.9	323.0	325.4	0.7	21.7	1.8	60.
19.0	66.0	6581.3	450.0	-15.7	-30.4	242.3	15.3	13.5	7.1	323.6	325.9	0.7	26.7	3.1	64.
20.6	69.4	7009.7	425.0	-19.1	-28.2	227.9	20.9	15.5	14.0	324.5	327.5	0.9	44.2	4.7	61.
22.0	72.9	7460.0	400.0	-20.2	-24.6	217.5	28.0	17.1	22.2	328.7	333.2	1.3	68.4	6.7	55.
23.6	76.7	7935.7	375.0	-23.3	-31.7	212.3	32.1	17.2	27.2	330.7	333.4	0.7	48.7	9.5	49.
24.9	80.4	8438.9	350.0	-25.7	-30.2	207.8	33.7	15.7	29.9	334.2	337.3	0.9	65.6	12.1	45.
26.4	84.5	8971.5	325.0	-30.3	-36.4	207.0	34.7	15.8	30.9	335.0	336.9	0.5	54.4	15.0	41.
28.2	88.5	9537.2	300.0	-33.8	-40.6	198.6	34.3	10.9	32.5	337.7	339.1	0.4	49.9	18.6	38.
29.7	93.0	10141.1	275.0	-38.7	-45.6	188.0	34.0	4.7	33.7	339.2	340.1	0.2	47.6	21.4	34.
31.2	97.6	10787.9	250.0	-44.5	59.9	182.8	33.7	1.6	33.6	340.0	999.9	99.9	99.9	24.0	31.
33.3	102.4	11485.3	225.0	-50.6	99.9	191.1	33.5	6.5	32.8	341.0	999.9	99.9	99.9	27.9	27.
35.4	107.8	12241.1	200.0	-57.6	99.9	196.4	32.6	9.2	31.2	341.2	999.9	99.9	99.9	32.0	25.
37.4	113.5	13069.2	175.0	-65.1	59.9	209.2	32.6	15.9	28.4	342.4	999.9	99.9	99.9	36.0	25.
40.3	119.7	13994.3	150.0	-70.5	99.9	219.8	35.6	22.8	27.3	348.6	999.9	99.9	99.9	41.9	27.
44.1	126.7	15084.9	125.0	-66.0	99.9	999.9	99.9	99.9	99.9	375.2	999.9	99.9	99.9	48.7	30.
48.5	134.7	16458.3	100.0	-60.0	99.9	999.9	99.9	99.9	99.9	411.8	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
 CLINTON SHERMAN, OKLAHOMA

 20 MAY 1979
 2311 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	584.0	942.8	22.1	15.9	35.0	7.0	-4.0	-5.7	300.3	332.8	12.2	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	13.7	749.6	925.0	20.3	16.3	40.0	13.0	-8.4	-10.0	300.0	334.0	12.8	78.2	0.3	221.
1.2	16.2	986.3	900.0	18.7	17.0	43.1	14.9	-10.2	-10.9	300.8	337.3	13.7	89.7	0.8	220.
1.9	18.7	1228.0	875.0	16.5	15.5	55.3	16.9	-13.9	-9.6	300.5	335.1	12.8	93.7	1.5	224.
2.7	21.2	1475.3	850.0	15.2	14.4	67.1	18.8	-13.7	-5.8	302.1	335.0	12.2	94.4	2.3	230.
3.4	23.8	1728.5	825.0	13.9	13.1	74.6	10.7	-10.3	-2.8	303.2	334.8	11.6	94.5	2.8	234.
4.2	26.4	1988.4	800.0	13.0	12.1	82.0	8.0	-8.0	-1.1	305.0	335.6	11.2	94.4	3.2	237.
4.9	28.9	2255.5	775.0	11.5	10.6	85.0	6.5	-6.5	-0.6	306.1	335.0	10.4	94.5	3.5	239.
5.6	31.6	2530.0	750.0	10.3	9.5	91.5	5.8	-5.8	0.2	307.6	335.7	10.0	94.5	3.7	241.
6.6	34.2	2811.9	725.0	8.4	7.6	110.7	5.0	-4.7	1.8	308.7	334.2	9.1	94.7	4.0	244.
7.4	37.0	3101.9	700.0	6.7	5.9	107.9	4.5	-4.3	1.4	309.8	333.6	8.4	94.6	4.1	247.
7.9	39.8	3400.9	675.0	5.4	4.5	99.7	2.6	-2.5	0.4	311.7	334.2	7.9	94.2	4.3	248.
8.7	42.6	3708.0	650.0	2.1	0.1	243.8	2.8	2.5	1.2	311.4	328.7	6.0	86.5	4.2	247.
9.5	45.5	4024.5	625.0	0.7	-2.6	279.3	6.0	6.0	-1.0	313.3	328.3	5.1	78.4	4.0	246.
10.6	48.5	4351.8	600.0	-1.2	-3.8	277.1	9.0	9.0	-1.1	314.7	329.2	4.8	82.6	3.6	242.
11.7	51.5	4690.3	575.0	-3.5	-5.8	276.7	10.6	10.5	-1.2	315.9	328.9	4.3	84.0	3.1	234.
12.8	54.5	5040.2	550.0	-6.3	-9.4	271.0	11.3	11.3	-0.2	316.7	327.2	3.4	78.3	2.6	223.
14.1	57.6	5402.8	525.0	-8.7	-12.4	266.4	10.7	10.7	0.7	318.0	326.7	2.8	74.5	2.0	206.
15.3	60.9	5779.0	500.0	-11.9	-15.8	266.0	14.0	13.9	1.0	318.6	325.6	2.2	72.5	1.8	183.
16.8	64.1	6170.6	475.0	-13.1	-15.5	242.4	15.2	13.5	7.0	321.7	329.4	2.4	82.2	2.0	142.
18.5	67.6	6581.3	450.0	-15.4	-17.7	211.6	15.0	7.9	12.8	323.9	330.7	2.1	82.5	2.3	102.
20.5	71.0	7012.6	425.0	-16.7	-21.0	201.9	15.0	8.0	20.0	327.5	333.1	1.7	69.3	3.4	64.
22.2	74.7	7465.9	400.0	-19.9	-23.8	206.1	22.7	10.0	20.4	329.2	333.9	1.4	70.9	5.3	49.
23.1	78.4	7942.3	375.0	-22.9	-27.4	202.4	19.8	7.5	18.3	331.3	335.0	1.1	66.9	7.7	41.
25.5	82.3	8445.0	350.0	-26.5	-31.3	199.1	19.2	6.3	18.1	333.1	335.9	0.8	63.7	9.3	38.
27.1	86.3	8976.1	325.0	-30.5	-36.1	195.0	20.1	5.2	19.4	334.7	336.6	0.5	57.7	11.1	34.
29.8	90.5	9540.3	300.0	-34.5	-45.2	188.6	21.0	3.1	20.7	336.2	337.7	0.2	32.6	13.1	31.
30.5	94.8	10142.3	275.0	-39.1	-46.5	178.7	20.9	-0.5	21.3	339.3	339.9	99.9	99.9	17.2	23.
32.5	99.6	10788.0	250.0	-44.9	99.9	185.0	21.4	1.8	20.9	340.1	999.9	99.9	99.9	20.1	21.
34.8	104.6	11483.2	225.0	-51.2	99.9	196.6	21.9	6.2	20.9	340.1	999.9	99.9	99.9	22.4	22.
36.6	109.8	12237.4	200.0	-58.1	99.9	208.6	19.1	9.2	16.8	340.7	999.9	99.9	99.9	24.9	23.
39.9	115.7	13063.4	175.0	-64.6	99.9	213.7	21.1	11.7	17.6	343.3	999.9	99.9	99.9	28.8	24.
41.6	122.0	13993.2	150.0	-68.2	99.9	220.0	26.6	17.1	20.3	352.6	999.9	99.9	99.9	34.3	31.
45.6	129.0	15056.5	125.0	-65.9	99.9	243.0	28.6	25.5	13.0	375.6	999.9	99.9	99.9	999.9	999.9
50.5	137.0	16473.2	100.0	-60.8	99.9	999.9	99.9	99.9	99.9	410.4	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

21 MAY 1979
205 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	584.0	944.5	18.9	17.4	20.0	4.0	-1.4	-3.8	296.9	332.0	13.4	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	13.8	743.6	950.0	17.8	17.1	46.9	9.8	-7.2	-6.7	297.6	332.8	13.4	95.3	0.3	221.
1.6	16.3	998.3	900.0	16.5	15.3	55.2	11.0	-9.0	-6.3	298.6	331.2	12.3	92.6	0.9	229.
2.5	18.8	1238.5	875.0	15.1	14.1	57.6	10.8	-9.1	-5.8	299.5	330.6	11.7	93.7	1.5	232.
3.4	21.3	1484.5	850.0	14.3	13.6	61.7	10.0	-8.8	-4.7	301.2	332.5	11.7	95.5	2.0	236.
4.3	23.8	1736.6	825.0	12.3	11.4	68.6	8.5	-7.9	-3.1	301.6	329.6	10.3	94.1	2.5	236.
5.3	26.4	1995.2	800.0	11.4	10.5	68.2	5.4	-5.0	-2.0	303.2	330.8	10.1	94.6	2.9	238.
6.3	29.0	2260.5	775.0	10.1	8.9	57.4	3.3	-2.8	-1.8	304.7	330.3	9.3	91.8	3.1	239.
7.5	31.7	2532.9	750.0	6.3	4.4	50.6	2.8	-2.2	-1.8	305.6	325.3	7.0	76.5	3.4	238.
8.6	34.3	2812.5	725.0	6.4	3.2	304.2	1.4	1.2	-0.8	306.5	325.4	6.7	80.4	3.4	238.
9.8	37.1	3098.9	700.0	4.4	2.3	227.2	2.8	2.1	1.9	307.4	325.8	6.5	86.2	3.3	237.
11.1	39.9	3395.7	675.0	2.3	1.1	191.5	6.7	1.3	6.6	308.2	325.8	6.1	91.6	3.1	241.
12.5	42.7	3700.9	650.0	1.3	0.3	181.7	12.7	0.4	12.6	310.5	327.9	6.0	92.7	2.7	250.
14.0	45.6	4016.2	625.0	-0.2	-1.6	173.3	15.0	-1.8	14.9	312.2	328.2	5.4	90.2	2.7	283.
15.6	48.5	4342.4	600.0	-2.3	-3.7	172.1	15.4	-2.1	15.3	313.5	328.0	4.9	90.0	3.5	305.
17.2	51.6	4680.1	575.0	-3.9	-5.1	183.6	14.1	0.9	14.0	315.4	329.1	4.6	91.9	4.6	319.
18.8	54.6	5030.6	550.0	-5.5	-6.3	209.8	12.0	6.0	10.4	317.6	330.9	4.4	94.1	5.4	330.
20.1	57.8	5395.0	525.0	-7.4	-8.5	219.3	9.6	6.1	7.5	319.5	331.3	3.8	92.3	5.8	338.
21.6	61.0	5774.3	500.0	-9.1	-10.4	225.8	7.1	5.1	5.0	322.0	332.8	3.5	90.5	6.1	344.
23.2	64.3	6170.0	475.0	-11.2	-12.6	225.9	7.9	5.6	5.5	324.2	333.9	3.1	88.8	6.5	350.
24.9	67.7	6583.2	450.0	-13.9	-15.7	220.4	10.8	7.0	8.2	325.8	333.9	2.5	86.1	7.1	359.
26.8	71.3	7015.6	425.0	-16.7	-18.5	234.7	13.1	10.7	7.6	327.6	334.5	2.1	85.3	8.1	3.
28.8	74.9	7468.7	400.0	-19.9	-22.1	238.7	14.9	12.7	7.7	329.1	334.5	1.6	82.8	9.0	12.
31.0	78.6	7945.3	375.0	-23.8	-25.5	233.2	17.0	13.6	10.2	331.4	335.8	1.3	78.1	10.7	20.
32.2	82.5	8448.5	350.0	-25.9	-29.2	235.3	18.5	15.2	10.5	333.9	337.3	1.0	73.4	13.7	28.
34.5	86.7	8980.4	325.0	-30.4	-34.0	229.2	21.5	16.3	14.1	334.8	337.2	0.7	70.8	18.3	35.
43.3	90.8	9545.7	300.0	-34.9	-38.3	999.9	99.9	99.9	99.9	336.2	337.9	0.5	70.3	24.9	37.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
 CLINTON SHERMAN, OKLAHOMA

 21 MAY 1979
 525 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	584.0	946.1	18.9	17.4	40.0	6.0	-3.9	-4.6	296.7	331.7	13.4	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	14.2	777.7	925.0	16.9	16.1	62.6	9.6	-8.5	-4.4	296.2	325.5	12.5	95.0	0.3	234.
1.6	16.6	1011.4	900.0	15.3	14.4	69.6	9.4	-8.8	-3.3	297.3	327.8	11.5	94.3	0.9	242.
2.7	19.0	1250.2	875.0	13.9	11.6	83.2	7.8	-7.7	-0.9	298.2	324.6	9.9	86.0	1.4	246.
3.8	21.4	1454.8	850.0	12.4	9.2	96.9	7.7	-7.7	0.9	299.1	322.5	8.6	80.7	1.8	253.
4.8	23.9	1745.1	825.0	11.0	7.2	105.3	6.5	-6.2	1.7	300.3	321.6	7.8	77.3	2.3	259.
5.9	26.4	2001.8	800.0	9.8	5.8	95.6	4.4	-4.4	0.4	301.7	321.7	7.3	76.0	2.6	262.
6.9	28.9	2265.3	775.0	8.1	5.3	105.4	2.9	-2.8	0.8	302.6	322.6	7.2	82.0	2.8	263.
8.0	31.5	2536.1	750.0	6.6	4.5	131.5	1.5	-1.2	1.0	303.7	323.5	7.1	86.9	2.9	265.
9.0	34.1	2814.2	725.0	4.9	3.0	42.1	1.5	-1.0	-1.1	304.8	323.3	6.6	87.6	2.9	265.
10.3	36.8	3100.6	700.0	3.5	2.3	12.9	3.8	-0.9	-3.7	306.3	324.7	6.5	92.0	3.0	261.
11.6	39.4	3395.7	675.0	2.0	1.0	1.1	4.7	-0.1	-4.7	307.5	325.5	6.1	93.0	3.1	255.
13.1	42.2	3700.3	650.0	1.0	0.3	354.1	5.6	0.6	-5.5	310.1	327.5	6.0	94.8	3.2	247.
14.7	45.9	4015.6	625.0	-0.0	-0.8	347.7	7.0	1.5	-6.8	312.4	329.4	5.4	94.9	3.4	237.
16.4	47.9	4342.7	600.0	-1.4	-2.4	331.4	6.5	3.1	-5.7	314.5	330.4	5.4	92.8	3.7	226.
18.2	50.8	4681.5	575.0	-2.9	-4.0	319.1	5.8	3.8	-4.4	316.6	331.5	5.0	91.8	3.9	217.
19.9	53.8	5033.6	550.0	-4.3	-5.4	279.1	6.4	6.3	-1.0	319.0	333.2	4.7	91.6	3.8	209.
21.6	56.8	5399.8	525.0	-6.1	-7.5	269.1	7.6	7.6	0.1	321.0	333.8	4.1	89.8	3.5	198.
23.5	59.9	5780.1	500.0	-8.7	-10.4	254.6	8.1	7.8	2.2	322.5	333.4	3.5	87.3	3.3	183.
25.4	63.1	6176.1	475.0	-11.0	-12.9	228.9	8.8	6.6	5.8	324.4	333.9	3.0	85.8	2.9	168.
27.1	66.4	6589.9	450.0	-13.6	-15.6	219.1	9.2	5.8	7.1	326.2	334.3	2.5	84.4	2.4	150.
28.9	69.9	7022.9	425.0	-16.5	-19.0	218.1	9.1	5.6	7.2	327.9	334.5	2.0	80.6	2.3	126.
31.0	73.4	7476.4	400.0	-19.7	-23.0	218.5	10.1	6.3	7.9	329.4	334.5	1.5	75.1	2.6	99.
33.1	77.0	7953.1	375.0	-22.4	-26.1	208.1	10.4	4.9	9.2	331.9	336.0	1.2	71.7	3.4	79.
35.5	80.7	8456.5	350.0	-26.1	-29.8	191.9	12.5	2.6	12.2	333.6	336.8	0.9	70.6	4.4	61.
38.1	84.7	8988.2	325.0	-30.6	-34.4	185.6	13.7	1.3	13.6	334.6	336.8	0.6	68.5	5.9	44.
41.1	88.8	9551.9	300.0	-34.8	-39.2	178.5	15.1	-0.4	15.1	336.3	337.8	0.4	64.3	8.0	32.
43.5	93.2	10153.7	275.0	-39.2	-44.8	188.3	19.4	2.8	19.2	338.2	599.9	99.9	999.9	10.1	25.
46.0	97.6	10799.5	250.0	-44.8	-49.9	188.4	24.8	3.6	24.5	339.5	999.9	99.9	999.9	13.4	22.
49.5	102.4	11494.3	225.0	-51.4	-56.4	182.2	26.9	1.1	26.8	339.6	999.9	99.9	999.9	18.7	16.
53.1	107.6	12247.9	200.0	-58.0	-63.9	200.5	29.5	10.3	27.6	340.9	999.9	99.9	999.9	24.5	14.
58.1	113.2	13080.0	175.0	-62.3	-69.9	215.2	36.2	20.8	29.5	347.1	999.9	99.9	999.9	34.2	20.
63.8	119.0	14022.0	150.0	-65.9	-74.9	999.9	99.9	99.9	99.9	356.2	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

21 MAY 1979
005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT η DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	584.0	944.9	17.5	16.2	80.0	5.0	-4.9	-0.9	295.4	327.7	12.4	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	12.5	766.2	925.0	16.0	15.4	75.1	12.9	-12.5	-3.3	295.7	327.3	12.0	96.2	0.4	254.
1.4	14.8	999.8	900.0	15.8	12.4	70.1	11.2	-10.5	-3.8	297.8	324.8	10.1	79.9	0.9	253.
2.4	17.2	1239.4	875.0	15.7	8.3	72.1	10.6	-10.1	-3.2	300.1	321.7	7.9	61.4	1.6	252.
3.3	19.6	1485.7	850.0	14.9	7.0	67.8	11.3	-10.5	-4.3	301.8	322.2	7.4	59.0	2.2	252.
4.4	22.0	1737.8	825.0	13.5	5.8	59.3	13.4	-11.5	-6.8	302.9	322.4	7.0	59.3	3.0	249.
5.2	24.4	1996.6	800.0	12.0	4.8	53.6	13.7	-11.0	-8.1	303.9	322.9	6.8	61.5	3.6	247.
6.1	26.9	2262.2	775.0	10.4	4.1	39.7	10.8	-6.9	-8.3	305.0	323.7	6.6	64.7	4.3	244.
6.9	29.4	2535.0	750.0	8.8	2.9	29.9	9.7	-4.8	-8.4	306.1	324.0	6.3	66.7	4.6	241.
7.9	32.0	2815.1	725.0	7.3	1.6	20.8	9.0	-3.2	-8.4	307.4	324.4	5.9	67.2	5.2	237.
9.0	34.6	3103.6	700.0	5.9	0.6	353.6	6.8	0.8	-6.8	309.0	325.5	5.7	68.7	5.5	234.
10.0	37.2	3401.1	675.0	4.6	-1.5	309.7	7.0	5.9	-4.9	310.2	325.6	5.1	64.5	5.6	230.
10.9	39.9	3708.1	650.0	3.2	-5.3	287.5	10.0	9.6	-3.0	312.6	324.4	4.0	53.4	5.4	226.
11.8	42.7	4025.5	625.0	1.7	-9.3	276.1	12.3	12.2	-1.3	314.4	323.7	3.0	43.7	5.1	220.
12.7	45.5	4353.1	600.0	-1.2	-8.6	259.9	13.1	12.9	2.3	314.6	325.0	3.3	57.0	4.7	213.
13.7	48.4	4690.7	575.0	-4.2	-8.4	254.1	13.1	12.6	3.6	315.1	325.8	3.5	72.4	4.0	206.
14.9	51.3	5040.5	550.0	-6.1	-12.6	259.4	11.9	11.7	2.2	316.8	325.0	2.6	60.0	3.6	195.
16.1	54.3	5402.8	525.0	-9.3	-12.3	254.6	16.6	16.0	4.4	317.3	326.1	2.8	78.9	3.3	180.
17.3	57.4	5778.8	500.0	-11.8	-13.8	246.2	17.2	15.8	7.0	318.7	326.9	2.6	85.3	3.1	157.
18.3	60.5	6170.9	475.0	-13.6	-14.8	249.8	11.1	10.4	3.8	321.2	329.3	2.6	90.5	3.2	140.
19.5	63.9	6580.1	450.0	-16.5	-17.6	279.1	8.1	8.0	-1.3	322.6	329.4	2.1	90.5	3.6	132.
20.8	67.1	7008.1	425.0	-19.3	-20.7	287.2	6.1	5.8	-1.8	324.3	330.0	1.7	88.6	4.1	129.
22.1	70.6	7457.0	400.0	-21.9	-24.0	257.9	3.4	3.4	0.7	326.2	331.2	1.4	82.8	4.4	127.
23.6	74.3	7929.0	375.0	-25.5	-27.9	208.8	7.4	3.6	6.5	329.0	331.3	1.0	60.5	4.4	122.
25.1	78.0	8425.3	350.0	-29.5	-34.7	201.5	14.9	5.5	13.9	329.0	331.0	0.6	60.5	4.4	109.
26.4	81.9	8949.5	325.0	-34.0	-40.6	201.3	20.6	7.5	19.2	329.8	331.0	0.3	51.1	4.7	90.
28.1	86.0	9504.3	300.0	-39.4	-45.2	195.6	20.2	5.4	19.5	329.8	330.6	0.2	53.7	5.7	70.
30.7	90.3	10094.2	275.0	-44.2	-50.9	197.4	22.3	6.7	21.3	331.2	999.9	99.9	999.9	7.7	50.
33.2	94.8	10728.8	250.0	-48.3	-59.9	203.0	31.9	12.5	29.3	334.2	999.9	99.9	999.9	11.6	41.
35.7	99.8	11415.5	225.0	-53.3	-69.9	202.3	32.1	12.2	29.7	336.8	999.9	99.9	999.9	16.3	35.
38.5	104.8	12165.0	200.0	-58.3	-79.9	205.2	33.8	14.4	30.6	340.5	999.9	99.9	999.9	21.6	32.
41.3	110.5	12995.8	175.0	-62.8	-89.9	212.8	33.9	18.4	28.5	346.4	999.9	99.9	999.9	27.4	32.
44.4	116.7	13943.9	150.0	-63.9	-99.9	225.9	38.2	27.4	26.6	360.0	999.9	99.9	999.9	34.5	33.
48.6	123.7	15065.6	125.0	-61.6	-99.9	242.7	24.1	21.4	11.1	383.4	999.9	99.9	999.9	41.7	36.
53.6	131.5	16446.3	100.0	-63.0	-99.9	999.9	99.9	99.9	99.9	406.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

C-4

STATION NO. 26
 CLINTON SHERMAN, OKLAHOMA

 21 MAY 1979
 1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	584.0	944.9	16.1	15.6	340.0	1.0	0.3	-0.9	294.8	325.0	11.9	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	14.3	765.7	925.0	15.8	14.7	60.5	10.5	-9.2	-5.2	295.5	325.6	11.5	93.6	0.1	227.
1.3	16.6	998.8	900.0	15.0	13.3	58.6	10.0	-8.1	-5.8	297.0	325.4	10.8	89.6	0.6	235.
2.0	19.1	1237.6	875.0	14.0	12.0	58.6	6.1	-6.8	-4.3	298.4	325.5	10.2	87.7	1.0	236.
2.8	21.6	1482.6	850.0	13.4	10.4	51.7	6.7	-5.2	-4.1	300.2	325.6	9.4	82.4	1.3	235.
3.5	24.1	1734.0	825.0	12.3	7.4	75.1	6.0	-5.8	-1.6	301.6	325.2	7.9	71.8	1.6	234.
4.4	26.7	1992.3	800.0	12.0	4.7	111.0	7.0	-6.5	2.5	304.0	322.8	6.7	60.9	1.9	242.
5.2	29.3	2257.8	775.0	10.6	3.3	120.4	6.1	-5.2	3.1	305.2	322.9	6.3	60.6	2.0	250.
6.0	31.9	2530.2	750.0	8.5	3.1	101.5	6.5	-6.4	1.3	305.2	323.9	6.4	68.7	2.2	255.
6.9	34.7	2809.7	725.0	6.4	2.4	84.1	8.6	-8.6	-0.9	306.5	324.4	6.3	75.2	2.6	257.
7.8	37.3	3097.1	700.0	4.3	1.7	76.5	7.8	-7.6	-1.8	307.2	324.9	6.2	83.5	3.1	258.
8.7	40.1	3392.8	675.0	2.8	0.4	62.6	6.1	-5.4	-2.8	308.8	325.7	5.9	83.9	3.5	257.
9.8	42.9	3598.0	650.0	1.3	-0.6	49.5	4.7	-3.6	-3.1	310.5	327.0	5.7	87.1	3.8	255.
10.9	45.8	4012.5	625.0	-1.7	-2.6	11.2	2.7	-0.5	-2.7	312.5	325.3	5.1	93.2	4.0	253.
12.0	48.7	4337.4	600.0	-2.8	-7.7	325.3	2.4	1.4	-2.0	312.9	323.8	3.6	69.3	4.0	251.
13.2	51.7	4673.7	575.0	-4.9	-11.0	285.1	4.2	4.0	-1.2	314.3	323.1	2.9	61.9	3.9	249.
14.4	54.8	5021.7	550.0	-7.6	-16.1	272.0	6.0	6.0	-0.2	315.0	321.3	2.0	50.4	3.5	246.
15.5	57.8	5382.2	525.0	-9.9	-20.1	258.7	7.9	7.7	1.5	316.6	321.3	1.5	43.1	3.1	243.
16.8	61.0	5757.5	500.0	-11.6	-31.1	259.7	10.9	10.7	1.9	318.5	320.9	0.6	18.0	2.4	239.
19.3	64.3	6148.5	475.0	-14.9	-36.8	266.6	13.9	13.8	0.8	319.5	320.8	0.4	13.8	1.5	220.
19.8	67.6	6554.4	450.0	-17.4	-61.0	255.7	15.2	15.0	2.7	321.4	321.5	0.0	1.0	1.2	158.
21.5	71.0	6981.5	425.0	-20.3	-62.8	253.5	15.5	12.0	3.6	323.0	323.1	0.0	1.0	1.9	110.
22.8	74.6	7428.0	400.0	-23.5	-64.9	247.4	15.5	9.7	4.0	324.4	324.5	0.0	1.0	2.7	98.
24.5	78.3	7896.1	375.0	-27.6	-67.6	240.5	11.5	10.0	5.7	325.1	325.2	0.0	1.0	3.6	88.
26.1	82.1	8383.8	350.0	-31.9	-70.4	224.1	11.1	7.7	7.9	325.6	325.8	0.0	1.0	4.5	81.
27.8	86.2	8907.4	325.0	-35.2	-72.6	223.5	12.1	8.3	8.8	328.1	328.2	0.0	1.0	5.4	73.
29.5	90.3	9460.6	300.0	-38.1	-55.0	222.2	17.7	13.0	12.0	331.6	331.9	0.1	15.2	6.8	67.
31.2	94.7	10052.8	275.0	-43.5	59.9	228.0	24.0	17.9	16.1	332.2	332.2	99.9	99.9	8.8	63.
32.8	99.3	10686.8	250.0	-48.5	99.9	227.3	32.5	23.9	22.0	334.0	334.0	99.9	99.9	11.5	59.
34.8	104.3	11373.2	225.0	-53.3	99.9	225.0	39.7	29.2	25.4	336.9	336.9	99.9	99.9	15.7	56.
36.8	109.5	12121.6	200.0	-58.4	99.9	230.8	37.8	29.3	23.9	340.2	340.2	99.9	99.9	20.5	55.
37.3	115.5	12956.9	175.0	-61.8	99.9	229.5	32.2	24.5	20.2	348.0	348.0	99.9	99.9	25.3	54.
42.6	121.7	13903.8	150.0	-62.9	99.9	242.0	32.4	28.6	15.2	361.7	361.7	99.9	99.9	32.1	54.
46.4	128.7	15038.2	125.0	-61.0	99.9	262.0	18.7	18.5	2.6	384.5	384.5	99.9	99.9	38.4	57.
51.5	136.7	16417.7	100.0	-62.7	99.9	99.9	99.9	99.9	99.9	406.7	406.7	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
ELMORE CITY, OKLAHOMA

20 MAY 1979
1108 GMT

129 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	320.0	971.1	20.0	18.7	180.0	4.0	0.0	4.0	295.6	332.3	14.1	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	11.4	511.0	950.0	20.8	19.9	99.9	99.9	99.9	99.9	298.3	339.2	15.6	94.7	999.9	999.9
1.4	13.8	742.6	925.0	20.6	19.7	99.9	99.9	99.9	99.9	300.4	342.5	15.9	94.6	999.9	999.9
2.4	16.3	981.3	900.0	22.2	18.8	99.9	99.9	99.9	99.9	304.4	346.0	15.4	81.0	999.9	999.9
3.3	18.7	1227.3	875.0	22.3	16.5	99.9	99.9	99.9	99.9	307.0	344.3	13.6	69.4	999.9	999.9
4.2	21.2	1479.8	850.0	21.5	13.7	99.9	99.9	99.9	99.9	308.7	341.1	11.7	61.1	999.9	999.9
5.1	23.7	1738.3	825.0	19.7	11.5	99.9	99.9	99.9	99.9	309.4	338.6	10.4	59.3	999.9	999.9
6.0	26.3	2003.1	800.0	18.0	10.7	99.9	99.9	99.9	99.9	310.3	339.1	10.2	62.6	999.9	999.9
6.9	28.8	2274.4	775.0	15.6	9.9	99.9	99.9	99.9	99.9	310.6	338.8	10.0	68.8	999.9	999.9
7.9	31.4	2552.1	750.0	13.0	9.0	245.2	10.8	9.8	4.5	310.6	338.1	9.7	76.4	6.7	61.
8.9	34.1	2836.6	725.0	10.7	7.3	235.1	10.4	8.6	6.0	311.3	336.6	8.9	79.1	7.4	61.
9.9	36.8	3128.8	700.0	8.6	2.7	232.3	9.5	7.5	5.8	312.0	331.3	6.7	66.2	8.0	61.
11.1	39.4	3429.2	675.0	6.9	-1.3	232.6	8.9	7.1	5.4	313.4	328.6	5.2	55.6	8.6	60.
12.2	42.3	3738.3	650.0	4.7	-3.7	240.4	8.9	7.8	4.4	314.2	327.8	4.5	55.0	9.2	60.
13.2	45.1	4050.9	625.0	2.5	-12.8	250.0	9.4	8.9	3.2	315.3	322.4	2.3	51.4	9.8	60.
14.3	49.0	4384.8	600.0	-0.6	-14.7	248.4	9.4	8.7	3.4	315.4	321.8	2.0	33.4	10.3	61.
15.4	51.0	4722.6	575.0	-4.1	-16.5	245.0	9.8	9.0	4.0	315.2	321.0	1.8	37.3	11.0	61.
16.4	54.0	5071.8	550.0	-6.5	-23.7	241.9	9.7	8.5	4.6	316.4	319.8	1.0	23.9	11.6	61.
17.5	57.0	5434.0	525.0	-8.7	-22.0	238.6	13.1	11.2	6.8	318.0	322.1	1.2	33.1	12.2	61.
18.7	60.3	5810.8	500.0	-10.7	-24.5	243.3	17.8	15.9	8.0	320.0	323.5	1.0	31.0	13.4	61.
20.1	63.5	6204.1	475.0	-13.1	-15.7	243.4	18.5	16.6	8.3	321.6	329.4	2.4	80.3	15.0	61.
21.7	66.9	6615.5	450.0	-13.7	-40.3	253.2	14.5	14.1	3.7	326.0	326.9	0.2	8.4	16.6	62.
23.3	70.3	7047.6	425.0	-16.9	-39.5	266.5	12.0	12.0	0.7	327.3	328.4	0.3	12.0	17.8	63.
24.9	73.8	7496.4	400.0	-20.5	-41.2	259.4	10.5	10.2	2.5	328.3	329.3	0.3	13.6	18.7	64.
26.5	77.4	7973.4	375.0	-24.5	-37.7	248.4	13.5	12.6	5.0	329.2	330.7	0.4	30.1	19.8	65.
29.1	81.2	8472.9	350.0	-27.5	-33.5	260.0	18.9	18.6	3.3	331.7	334.0	0.6	56.5	21.4	65.
30.0	85.2	9001.8	325.0	-31.9	-38.8	259.7	24.7	24.3	4.4	332.6	334.2	0.4	49.7	23.7	67.
32.0	89.2	9561.9	300.0	-36.5	-43.4	253.7	31.5	30.2	8.8	333.9	334.9	0.3	48.8	27.0	68.
34.8	93.6	10159.4	275.0	-40.9	-49.9	250.5	34.8	32.8	11.6	336.0	339.9	99.9	999.9	32.6	69.
37.0	99.2	10801.0	250.0	-45.5	-45.5	250.2	31.3	30.4	7.5	338.4	339.9	99.9	999.9	37.1	69.
39.5	103.2	11455.2	225.0	-50.8	-49.9	263.3	31.3	31.1	3.7	340.7	339.9	99.9	999.9	41.6	70.
42.0	108.4	12252.1	200.0	-56.9	-49.9	262.8	29.2	29.0	3.7	342.7	339.9	99.9	999.9	46.1	72.
44.8	114.0	13084.3	175.0	-63.6	-49.9	261.2	25.9	25.6	3.9	345.1	339.9	99.9	999.9	50.7	73.
48.2	120.3	14016.8	150.0	-69.2	-49.9	253.4	28.5	27.3	8.2	350.2	339.9	99.9	999.9	55.7	73.
52.2	127.3	15111.3	125.0	-66.2	-49.9	260.9	32.7	32.2	5.2	375.1	339.9	99.9	999.9	63.9	73.
56.8	135.3	16477.7	100.0	-65.5	-49.9	99.9	99.9	99.9	99.9	401.3	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
 ELMORE CITY, OKLAHOMA

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MX RTD GR/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.1	320.0	972.5	25.5	19.4	170.0	12.0	-2.1	11.8	301.1	340.3	14.8	69.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	11.3	525.1	950.0	21.9	19.6	213.5	9.5	5.3	7.9	299.5	340.0	15.4	86.8	0.3	22.
1.4	13.6	757.2	925.0	20.7	19.1	226.4	12.3	8.9	8.5	300.5	341.0	15.3	90.6	0.8	31.
2.1	16.0	994.8	900.0	21.1	18.2	248.7	13.7	12.7	5.0	303.2	343.0	14.8	83.6	1.4	41.
2.8	19.5	1239.6	875.0	20.9	15.8	272.9	13.4	13.4	-0.7	305.5	340.9	13.0	72.6	1.9	53.
3.6	20.9	1491.0	850.0	20.3	13.0	281.5	12.9	12.7	-2.6	307.4	338.4	11.2	62.9	2.3	64.
4.3	23.4	1748.6	825.0	18.8	11.7	278.7	12.1	11.9	-1.8	308.5	337.8	10.5	63.1	2.8	71.
5.1	25.9	2012.5	800.0	16.8	9.5	278.1	10.1	10.0	-1.4	309.0	335.4	9.4	62.1	3.3	75.
6.0	28.4	2282.9	775.0	15.4	6.7	271.8	8.3	8.3	-0.3	310.4	333.1	8.0	56.0	3.7	78.
6.8	31.0	2560.2	750.0	13.1	5.6	264.3	8.4	8.4	0.8	310.8	332.6	7.6	60.3	4.1	79.
7.8	33.6	2844.6	725.0	10.5	4.5	255.5	7.6	7.4	1.9	311.0	332.0	7.3	66.0	4.6	79.
8.7	36.3	3136.2	700.0	7.9	4.1	249.0	7.3	6.9	2.6	311.3	332.6	7.4	77.1	5.0	78.
9.8	39.0	3435.5	675.0	5.5	4.9	240.7	7.4	6.5	3.6	311.6	334.9	8.1	96.0	5.4	77.
10.8	41.8	3743.6	650.0	2.9	1.5	235.7	9.1	7.6	5.1	312.3	331.5	6.6	90.4	5.9	75.
11.9	44.6	4060.6	625.0	0.7	-3.3	227.8	8.2	6.1	5.5	313.3	327.6	4.8	75.0	6.5	73.
13.0	47.4	4387.9	600.0	-0.9	-10.0	227.9	9.1	6.7	6.1	315.1	324.3	3.0	50.2	7.0	71.
14.0	50.4	4725.9	575.0	-4.0	-9.5	236.4	10.5	8.8	5.8	315.3	325.2	3.2	65.5	7.5	70.
15.3	53.4	5075.4	550.0	-6.6	-13.0	245.0	11.9	10.8	5.0	316.3	324.3	2.6	60.1	8.3	69.
16.5	56.5	5437.7	525.0	-8.3	-18.2	233.6	16.6	14.9	7.4	318.4	324.3	1.8	47.4	9.4	69.
17.7	59.6	5815.2	500.0	-10.5	-14.2	233.6	17.8	14.3	10.6	320.2	328.3	1.2	40.8	10.7	67.
18.9	62.9	6208.2	475.0	-13.0	-23.8	232.4	15.9	12.6	9.7	321.9	325.9	0.4	14.3	12.9	65.
20.1	66.1	6618.9	450.0	-14.7	-36.0	238.9	15.8	13.5	8.1	324.2	326.2	0.4	14.3	12.9	65.
21.3	69.6	7049.1	425.0	-17.7	-41.2	245.4	11.4	10.4	4.7	326.3	327.2	0.2	10.7	13.9	65.
22.8	73.1	7499.5	400.0	-21.5	-40.6	239.4	10.5	9.0	5.3	327.1	328.1	0.3	15.7	14.8	65.
24.2	76.9	7971.4	375.0	-25.8	-29.1	238.2	14.0	11.9	7.4	327.4	330.6	0.9	73.4	15.8	64.
25.8	83.7	8468.4	350.0	-29.0	-35.9	255.0	20.2	19.5	5.2	329.4	331.5	0.5	51.8	17.3	64.
27.3	89.5	8994.4	325.0	-32.9	-41.4	256.3	28.3	27.5	6.7	331.3	332.4	0.3	41.9	19.5	66.
29.9	98.7	9553.7	300.0	-36.3	-46.9	247.3	34.7	32.0	13.4	334.2	334.9	0.2	32.1	22.6	67.
30.4	93.0	10152.2	275.0	-40.6	-49.9	242.1	35.7	31.5	16.7	336.2	339.9	99.9	99.9	25.8	66.
32.3	97.7	10755.2	250.0	-45.4	-59.9	244.2	33.4	30.1	14.5	338.6	339.9	99.9	99.9	29.8	66.
34.4	102.6	11488.7	225.0	-51.4	-69.9	250.2	33.0	31.1	11.2	339.7	339.9	99.9	99.9	33.8	66.
36.8	107.8	12244.7	200.0	-56.6	-79.9	254.8	32.3	31.2	8.5	343.2	339.9	99.9	99.9	38.5	67.
39.3	113.6	13080.9	175.0	-62.5	-89.9	252.7	27.7	26.5	8.2	346.2	339.9	99.9	99.9	43.1	68.
42.1	119.7	14020.4	150.0	-67.1	-99.9	250.6	27.6	26.0	9.2	354.6	339.9	99.9	99.9	47.4	68.
45.6	126.7	15120.9	125.0	-74.1	-99.9	256.3	29.7	28.9	7.0	379.8	339.9	99.9	99.9	53.9	69.
49.5	134.7	16489.6	100.0	-84.6	-99.9	99.9	99.9	99.9	99.9	403.0	339.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
ELMORE CITY, OKLAHOMA

20 MAY 1979
1705 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	320.0	973.0	28.0	19.0	180.0	2.0	0.0	2.0	303.5	342.2	14.4	58.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	10.9	532.3	950.0	25.7	20.0	999.9	99.9	99.9	99.9	303.2	345.4	15.7	70.6	999.9	99.9
1.5	13.1	767.2	925.0	23.9	20.1	999.9	99.9	99.9	99.9	303.7	347.2	16.2	79.4	999.9	99.9
2.3	15.3	1006.7	900.0	21.5	18.5	241.0	3.9	3.4	1.9	303.7	346.8	16.1	88.4	0.3	42.
3.0	17.5	1251.3	875.0	19.5	16.1	251.8	4.7	4.4	1.5	304.1	344.8	15.1	91.4	0.5	50.
3.6	19.9	1501.1	850.0	17.4	14.6	257.7	4.2	4.1	0.9	304.4	343.0	14.3	95.4	0.7	57.
4.4	22.2	1756.9	825.0	16.3	14.6	279.2	5.0	4.9	-0.4	305.9	341.4	13.0	90.4	0.8	62.
5.1	24.5	2018.2	800.0	14.4	7.3	279.1	7.1	7.0	-1.1	306.5	339.2	8.1	62.4	1.1	72.
5.9	26.8	2287.2	775.0	15.0	6.2	277.8	6.3	6.2	-0.9	310.6	331.9	7.7	55.3	1.4	78.
6.9	29.2	2564.7	750.0	13.5	4.8	258.7	5.7	5.6	1.1	311.3	332.1	7.3	55.7	1.7	81.
7.7	31.6	2849.5	725.0	11.2	4.2	235.5	6.2	5.1	3.5	311.7	332.4	7.2	62.2	2.0	78.
8.7	34.1	3141.6	700.0	8.7	2.4	227.3	6.8	5.0	4.6	312.1	331.0	6.5	64.3	2.4	74.
9.7	36.6	3441.7	675.0	6.0	1.8	219.5	8.1	5.1	6.2	312.4	331.3	6.5	74.8	2.7	69.
10.8	39.1	3749.8	650.0	3.7	-0.5	217.6	9.5	5.8	7.5	313.1	329.8	5.7	74.1	3.3	64.
11.9	41.8	4067.4	625.0	1.7	-6.4	220.2	10.6	6.9	8.1	314.4	324.3	3.3	47.1	3.8	60.
13.0	44.4	4395.7	600.0	-0.3	-9.6	230.9	11.3	8.8	7.1	315.8	325.2	3.1	49.5	4.5	57.
14.1	47.1	4738.7	575.0	-3.0	-10.0	241.7	12.3	10.8	5.8	316.5	326.1	3.1	58.4	5.3	57.
15.3	49.9	5085.2	550.0	-5.9	-10.8	244.1	14.4	12.9	6.3	317.1	326.5	3.1	68.2	6.2	58.
16.5	52.7	5448.1	525.0	-8.5	-12.5	242.7	15.1	13.4	6.9	318.2	326.9	2.8	72.8	7.3	59.
17.7	55.6	5825.4	500.0	-10.7	-17.9	237.9	17.3	14.6	9.2	320.6	326.0	1.9	55.0	8.5	59.
19.1	58.5	6218.9	475.0	-12.6	-16.8	237.0	19.1	16.0	10.4	322.4	329.4	2.2	70.4	10.1	59.
20.6	61.5	6629.7	450.0	-15.2	-18.6	243.8	18.8	15.1	7.4	324.1	330.5	2.0	74.9	11.7	59.
22.0	64.6	7059.6	425.0	-18.0	-22.6	249.7	12.3	12.0	4.5	325.9	330.8	1.5	66.9	13.0	60.
23.6	67.9	7510.1	400.0	-21.1	-32.8	252.5	12.3	11.7	3.7	327.6	329.7	0.6	34.4	14.0	61.
25.3	71.3	7982.8	375.0	-25.2	-43.4	258.6	15.0	14.7	3.0	328.2	329.0	0.2	16.5	15.4	62.
27.0	74.7	8480.5	350.0	-28.5	-48.1	255.3	20.1	19.4	5.1	330.4	331.6	0.3	32.4	17.0	64.
28.6	79.3	9007.3	325.0	-32.2	-43.2	247.3	23.8	22.9	9.5	332.3	333.8	0.4	55.0	19.3	65.
30.6	82.0	9568.0	300.0	-36.2	-43.0	249.9	25.8	22.5	12.5	334.2	335.4	0.3	49.3	22.3	64.
32.8	85.9	10168.9	275.0	-40.9	99.9	239.6	27.9	23.8	14.5	336.1	999.9	99.9	99.9	25.7	64.
35.1	90.0	10807.6	250.0	-45.8	99.9	238.7	30.8	26.3	16.0	338.0	999.9	99.9	99.9	28.8	63.
37.1	94.3	11500.7	225.0	-52.0	99.9	243.1	32.8	29.2	14.8	338.9	999.9	99.9	99.9	33.6	63.
39.7	99.0	12263.3	200.0	-57.2	99.9	247.7	33.3	30.8	12.7	342.1	999.9	99.9	99.9	38.5	63.
42.5	104.0	13087.6	175.0	-62.0	99.9	248.0	31.6	29.3	11.8	347.6	999.9	99.9	99.9	44.4	64.
45.4	109.5	14029.4	150.0	-66.6	99.9	248.2	32.3	29.6	13.0	353.3	999.9	99.9	91.9	49.6	64.
48.9	115.5	15140.3	125.0	-63.6	99.9	254.4	29.7	28.6	8.0	378.2	999.9	99.9	94.9	56.4	65.
52.4	122.3	16510.1	100.0	-64.1	99.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
 ELMORE CITY, OKLAHOMA

20 MAY 1979													
2003 GMT													
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH
MIN		GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT
0.0	8.6	320.0	970.5	27.8	19.6	160.0	4.0	-1.4	3.8	303.5	343.8	15.0	61.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	10.3	510.5	950.0	28.0	20.2	125.5	5.4	-4.6	2.9	303.8	348.7	16.0	62.9
1.3	12.5	747.1	925.0	25.9	19.4	125.1	4.9	-4.0	2.9	303.2	348.0	15.6	67.6
2.0	14.7	988.4	900.0	23.6	18.9	135.6	5.0	-3.5	3.6	305.9	347.8	15.5	74.8
2.6	16.8	1234.6	875.0	21.4	16.5	135.5	5.2	-3.4	4.0	305.9	348.2	15.5	83.3
3.1	19.1	1486.1	850.0	19.3	17.3	141.7	5.2	-3.3	4.1	305.3	346.6	14.8	88.2
3.7	21.3	1743.0	825.0	16.9	15.9	145.6	5.7	-3.2	4.7	305.4	344.6	14.0	94.4
4.2	23.6	2005.6	800.0	14.9	14.2	153.1	5.9	-2.7	5.3	307.0	342.3	12.9	95.7
4.8	25.9	2274.8	775.0	13.2	12.6	160.7	6.6	-2.2	6.2	308.0	341.0	11.9	96.1
5.4	28.3	2551.2	750.0	11.6	11.0	164.1	8.8	-2.4	8.4	309.2	340.2	11.1	96.2
6.1	30.6	2834.5	725.0	8.9	8.2	164.3	10.6	-2.9	10.2	309.2	335.9	9.5	95.7
6.8	33.0	3124.9	700.0	6.5	4.2	172.2	10.8	-1.5	10.7	309.7	330.8	7.4	85.0
7.5	35.5	3423.8	675.0	5.5	2.8	185.1	11.0	1.5	10.9	311.8	331.8	7.0	82.7
8.5	37.9	3732.0	650.0	2.8	-0.1	201.1	11.6	4.2	10.8	313.3	330.5	5.9	75.6
9.3	40.5	4050.3	625.0	1.9	-1.8	205.3	12.1	5.7	10.6	314.7	332.6	5.4	76.1
10.2	43.1	4379.3	600.0	0.9	-2.8	213.0	12.2	6.6	10.2	317.2	332.7	5.2	76.3
11.1	45.8	4720.6	575.0	-1.7	-3.9	223.2	11.7	8.0	8.5	318.1	333.1	5.0	84.6
12.2	48.4	5073.7	550.0	-4.1	-4.7	235.5	11.5	9.5	6.5	319.3	334.2	4.9	95.2
13.1	51.2	5440.4	525.0	-5.7	-6.2	243.0	10.0	8.9	4.5	321.6	335.7	4.6	95.7
14.3	54.1	5821.3	500.0	-8.8	-9.7	249.9	99.9	99.9	99.9	321.7	325.6	3.7	93.4
15.6	57.0	6215.2	475.0	-13.1	-23.9	99.9	99.9	99.9	99.9	99.9	99.9	1.2	39.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
ELMORE CITY, OKLAHOMA

20 MAY 1979																28 713. 0			
2303 GMT																			
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE	AZ				
MIN		GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT	KM	DG				
0.0	9.8	320.0	972.5	18.3	18.3	360.0	7.0	0.0	-7.0	293.2	329.3	13.8	99.9	0.0	0.				
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
0.8	12.0	521.7	950.0	19.4	14.2	339.2	7.0	2.5	-6.6	296.2	325.5	10.8	72.3	0.3	161.				
1.6	14.4	751.3	925.0	18.5	13.5	322.9	5.4	5.7	-7.5	298.3	326.5	10.6	72.4	0.7	158.				
2.5	16.8	986.3	900.0	17.2	14.2	314.0	9.9	7.1	-6.9	299.2	329.8	11.5	82.9	1.2	148.				
3.4	19.3	1226.4	875.0	15.0	13.0	314.3	10.6	7.6	-7.4	299.4	328.4	10.8	87.6	1.8	142.				
4.4	21.8	1471.8	850.0	13.0	11.5	320.6	10.0	6.3	-7.7	299.2	327.1	10.1	90.5	2.4	142.				
5.5	24.3	1722.8	825.0	11.8	10.2	329.8	9.5	4.8	-8.2	301.1	326.9	9.5	89.6	3.0	141.				
6.5	26.8	1981.2	800.0	11.6	10.5	344.7	8.6	2.3	-8.3	303.5	331.0	10.0	92.9	3.6	144.				
7.5	29.4	2246.7	775.0	9.9	8.9	356.7	7.9	0.5	-7.9	304.2	330.2	9.3	93.5	4.0	147.				
8.5	32.1	2519.6	750.0	9.2	8.1	399.9	99.9	99.9	99.9	306.5	331.9	9.1	93.4	4.4	151.				
9.6	34.8	2801.1	725.0	7.8	7.1	599.9	99.9	99.9	99.9	308.1	332.8	8.8	95.2	999.9	999.9				
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9				

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
 ELMORE CITY, OKLAHOMA

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	320.0	972.9	18.8	17.5	20.0	10.0	-3.4	-9.4	294.3	326.1	13.1	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
0.8	11.5	524.8	950.0	17.4	16.5	53.6	13.3	-10.7	-7.9	294.8	327.6	12.6	95.0	0.5	228.
1.5	13.8	753.6	925.0	17.7	15.9	48.1	15.5	-11.6	-10.4	297.4	330.1	12.4	89.6	1.1	231.
2.2	16.3	988.3	900.0	16.9	14.0	39.7	13.2	-8.4	-10.1	298.9	329.0	11.3	83.4	1.7	228.
3.9	13.7	1259.2	875.0	17.0	12.0	38.0	11.1	-6.8	-8.7	301.4	329.0	10.2	72.5	2.2	225.
3.6	21.3	1476.4	850.0	15.4	10.7	40.2	9.5	-6.1	-7.3	302.3	328.3	9.6	73.4	2.7	224.
4.2	23.3	1729.7	825.0	14.4	10.0	29.7	6.5	-3.2	-5.7	303.9	329.7	9.4	74.7	3.0	224.
5.0	26.1	1989.7	800.0	12.8	10.1	99.9	99.9	99.9	99.9	304.8	331.6	9.8	83.9	999.9	999.9
5.9	28.9	2256.3	775.0	11.5	6.9	99.9	99.9	99.9	99.9	306.2	328.8	8.1	73.5	999.9	999.9
6.6	31.5	2530.7	750.0	10.0	8.2	99.9	99.9	99.9	99.9	307.2	333.1	9.2	88.2	999.9	999.9
7.6	34.2	2812.3	725.0	8.0	7.2	99.9	99.9	99.9	99.9	308.2	333.0	8.8	94.8	999.9	999.9
8.4	36.9	3101.8	700.0	6.1	5.4	22.6	7.4	5.0	5.4	309.3	332.3	8.1	95.4	2.9	210.
9.2	39.7	3392.7	675.0	4.3	3.7	218.0	8.7	5.3	6.8	310.5	331.7	7.4	95.4	2.6	208.
10.2	42.5	3766.7	650.0	2.3	1.6	219.3	9.9	6.2	7.6	311.5	330.7	6.6	95.3	2.0	206.
11.3	45.3	4023.1	625.0	0.4	-0.3	229.5	10.3	7.8	6.7	313.0	330.6	6.0	95.0	1.4	198.
12.3	48.2	4356.6	600.0	-0.9	-1.6	231.5	11.7	9.2	7.3	315.1	331.9	5.7	95.0	0.9	172.
13.4	51.1	4689.7	575.0	-3.0	-3.7	227.2	12.5	9.2	8.5	316.5	331.6	5.1	94.8	0.8	116.
14.7	54.3	5041.6	550.0	-4.7	-5.4	228.4	13.1	9.8	8.7	318.5	332.6	4.6	94.4	1.5	78.
15.9	57.3	5406.9	525.0	-6.8	-7.7	230.8	12.6	9.7	7.9	320.3	332.8	4.1	93.1	2.4	67.
17.4	60.5	5785.8	500.0	-9.7	-10.5	224.9	10.5	7.4	7.5	321.2	326.6	1.7	45.5	3.3	62.
19.0	63.9	6181.2	475.0	-11.0	-12.7	223.7	9.2	6.3	6.6	324.4	328.0	1.1	31.0	4.3	58.
20.3	67.1	6534.4	450.0	-13.9	-15.4	230.0	9.7	7.5	6.3	325.6	330.1	1.3	44.1	5.0	56.
21.6	70.6	7025.7	425.0	-17.5	-19.0	227.3	14.2	10.4	9.6	326.2	331.3	1.4	63.3	5.9	53.
23.3	74.2	7477.6	400.0	-20.5	-23.1	224.4	20.8	14.6	14.9	328.4	333.4	1.5	79.1	7.6	53.
25.1	77.9	7953.0	375.0	-23.3	-26.2	223.1	23.8	16.3	17.4	330.8	334.9	1.2	76.7	10.4	50.
27.2	81.7	8453.9	350.0	-27.1	-30.9	229.3	24.5	18.6	16.0	332.2	333.5	0.3	28.2	13.0	49.
29.0	85.7	8984.6	325.0	-30.8	-34.4	230.3	24.4	18.6	15.6	334.3	335.1	0.2	24.6	15.8	50.
30.9	93.0	9548.0	300.0	-34.8	-38.2	231.1	23.2	18.0	14.6	336.3	336.6	0.1	13.3	18.4	50.
32.8	94.3	10148.6	275.0	-40.3	-43.9	226.1	26.3	18.9	18.2	336.8	999.9	99.9	99.9	21.3	50.
35.1	98.8	10790.4	250.0	-45.9	-49.9	230.5	26.0	20.0	15.5	337.6	999.9	99.9	99.9	24.9	49.
37.8	103.8	11483.9	225.0	-51.2	-55.9	234.2	26.3	21.3	15.4	340.0	999.9	99.9	99.9	29.1	50.
40.3	109.2	12239.1	200.0	-57.8	-62.8	239.6	23.0	19.8	11.6	341.3	999.9	99.9	99.9	32.8	51.
43.4	115.0	13067.6	175.0	-63.8	-68.8	240.1	24.5	21.2	12.2	344.6	999.9	99.9	99.9	36.8	52.
46.5	121.3	13996.5	150.0	-71.4	-76.4	233.6	30.2	24.3	17.9	347.1	999.9	99.9	99.9	41.9	52.
51.7	128.3	15102.5	125.0	-64.1	-69.1	99.9	99.9	99.9	99.9	379.0	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
ELMORE CITY, OKLAHOMA
21 MAY 1979
505 GMT

117 148. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	320.0	974.0	18.3	17.0	90.0	5.0	-5.0	0.0	293.7	326.4	12.6	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	11.6	534.2	950.0	17.1	16.2	87.4	12.3	-12.3	-0.5	294.6	326.6	12.3	94.0	0.6	268.
1.8	14.2	762.3	925.0	16.7	14.6	87.7	13.1	-13.1	-0.5	296.4	326.4	11.4	87.1	1.2	268.
2.5	16.7	996.6	900.0	17.3	12.0	81.5	13.8	-13.6	-2.0	299.3	325.9	9.9	71.5	1.8	268.
3.3	19.3	1237.8	875.0	17.2	12.1	52.9	11.3	-9.0	-6.8	301.7	329.3	10.2	71.7	2.4	263.
4.2	21.9	1485.3	850.0	16.0	10.7	49.0	9.2	-7.0	-6.1	302.9	329.0	9.6	70.7	2.8	257.
4.9	24.4	1738.9	825.0	14.2	9.3	42.8	8.3	-5.6	-6.1	303.6	328.2	9.0	72.3	3.2	253.
5.7	27.1	1998.4	800.0	12.5	7.3	29.5	8.0	-4.0	-7.0	304.2	326.9	8.1	70.5	3.5	250.
6.6	29.8	2264.4	775.0	10.8	5.5	18.9	9.9	-3.2	-9.3	305.4	326.0	7.3	69.8	3.8	245.
7.6	32.6	2537.4	750.0	8.9	4.5	15.4	10.5	-2.8	-10.1	306.3	326.2	7.1	73.8	4.3	238.
8.6	35.3	2817.8	725.0	7.1	3.5	13.7	7.2	-1.7	-7.0	307.3	326.7	6.8	77.9	4.7	234.
9.6	38.2	3106.4	700.0	5.9	2.9	336.7	2.7	1.1	-2.5	309.0	328.3	6.8	81.1	4.9	231.
10.5	41.0	3403.6	675.0	4.0	1.4	264.7	1.5	1.5	0.1	310.1	328.2	6.3	83.0	4.9	230.
11.5	43.9	3709.8	650.0	1.9	-1.0	223.0	1.9	1.4	1.4	311.1	327.1	5.5	81.3	4.8	230.
12.6	46.9	4025.6	625.0	0.2	-2.7	223.9	5.6	3.9	4.0	312.7	327.6	5.0	81.0	4.6	231.
13.6	50.0	4352.3	600.0	-1.9	-4.7	219.2	8.2	5.2	6.3	314.0	327.4	4.5	81.1	4.1	231.
14.7	53.0	4690.7	575.0	-3.0	-5.5	212.7	8.9	4.8	7.5	316.5	329.8	4.4	82.3	3.6	234.
16.1	56.1	5041.5	550.0	-5.2	-8.1	204.8	11.1	4.7	10.1	318.0	329.5	3.6	79.4	2.9	240.
17.4	59.4	5406.6	525.0	-6.9	-9.9	199.4	14.4	4.8	13.6	320.2	330.8	3.4	78.9	2.2	259.
18.6	62.6	5786.4	500.0	-5.3	-12.7	204.4	14.3	5.9	13.0	321.7	330.9	2.9	76.1	1.8	289.
20.3	66.0	6180.9	475.0	-12.1	-16.5	202.4	13.6	5.2	12.6	323.0	330.1	2.2	69.7	2.1	327.
22.0	69.4	6593.6	450.0	-14.1	-18.3	203.0	15.1	5.9	13.9	325.5	332.1	2.0	70.3	3.3	348.
23.9	73.0	7025.5	425.0	-16.6	-21.0	202.9	15.4	6.0	14.2	327.7	333.4	1.7	68.6	4.8	1.
25.7	76.7	7479.0	400.0	-19.4	-24.0	201.9	16.6	6.2	15.4	329.7	334.4	1.4	66.9	6.4	6.
27.6	80.5	7956.1	375.0	-22.6	-27.4	210.5	19.5	9.9	16.8	331.6	335.4	1.1	65.0	8.3	11.
29.4	84.3	8459.1	350.0	-26.2	-31.6	219.8	18.0	11.5	13.8	333.4	336.2	0.8	60.4	10.2	16.
31.6	88.5	8990.1	325.0	-30.9	-36.6	221.6	16.4	10.9	12.3	334.1	335.9	0.5	56.8	12.3	20.
33.9	92.9	9553.5	300.0	-34.9	-40.9	210.5	15.9	8.1	13.7	336.1	337.4	0.3	54.1	14.5	23.
36.2	97.3	10154.4	275.0	-40.0	-46.0	211.3	14.0	7.3	12.0	337.3	339.9	99.9	999.9	16.5	24.
38.9	102.0	10757.4	250.0	-45.6	-50.9	218.7	15.2	9.5	11.9	338.3	399.9	99.9	999.9	18.6	25.
41.4	107.0	11490.5	225.0	-51.5	-56.9	212.0	21.2	11.2	18.0	339.6	399.9	99.9	999.9	21.5	26.
44.1	112.4	12243.6	200.0	-58.4	-64.0	212.8	24.3	13.2	20.5	340.4	399.9	99.9	999.9	25.0	27.
47.0	118.2	13088.5	175.0	-66.0	-72.0	224.5	31.1	21.8	22.2	341.6	399.9	99.9	999.9	29.7	29.
50.9	124.5	13933.9	150.0	-69.1	-75.9	224.5	31.1	21.8	22.2	341.6	399.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
 ELMORE CITY, OKLAHOMA

 21 MAY 1979
 005 GMT

106 179. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	320.0	974.6	18.5	17.7	999.9	99.9	99.9	99.9	293.2	328.0	13.2	95.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	11.5	539.5	950.0	17.1	16.2	999.9	99.9	99.9	99.9	294.6	326.6	12.3	94.4	999.9	999.9
1.5	13.9	767.4	925.0	16.5	13.9	999.9	99.9	99.9	99.9	296.2	328.0	10.9	84.7	999.9	999.9
2.2	16.4	1001.3	900.0	16.2	11.2	999.9	99.9	99.9	99.9	298.2	323.3	9.4	72.1	999.9	999.9
3.0	18.8	1240.8	875.0	15.3	10.0	999.9	99.9	99.9	99.9	299.7	323.8	8.9	70.8	999.9	999.9
3.8	21.3	1486.7	850.0	14.6	7.5	999.9	99.9	99.9	99.9	301.4	322.6	7.7	62.3	999.9	999.9
4.7	23.8	1738.9	825.0	13.4	6.3	999.9	99.9	99.9	99.9	302.8	323.0	7.3	62.0	999.9	999.9
5.6	26.4	1997.5	800.0	11.8	4.7	999.9	99.9	99.9	99.9	303.7	322.6	6.7	62.0	999.9	999.9
6.4	29.0	2262.5	775.0	10.0	3.7	999.9	99.9	99.9	99.9	304.2	322.7	6.5	65.0	999.9	999.9
7.3	31.6	2534.6	750.0	7.4	3.0	999.9	99.9	99.9	99.9	304.7	322.5	6.3	73.2	999.9	999.9
8.2	34.3	2813.0	725.0	5.2	2.7	999.9	99.9	99.9	99.9	305.2	323.4	6.5	84.2	999.9	999.9
9.3	37.0	3099.5	700.0	4.1	2.2	999.9	99.9	99.9	99.9	307.1	325.4	6.4	87.1	999.9	999.9
10.5	39.8	3355.5	675.0	2.9	1.8	999.9	99.9	99.9	99.9	308.5	327.5	6.5	92.6	999.9	999.9
11.7	42.6	3700.8	650.0	0.9	0.2	999.9	99.9	99.9	99.9	310.0	327.3	6.0	95.4	999.9	999.9
13.0	45.4	4016.1	625.0	-0.2	-0.7	999.9	99.9	99.9	99.9	312.3	329.3	5.8	96.2	999.9	999.9
14.2	48.4	4342.4	600.0	-2.0	-2.6	999.9	99.9	99.9	99.9	313.8	329.5	5.3	95.9	999.9	999.9
15.5	51.3	4680.2	575.0	-3.8	-4.5	999.9	99.9	99.9	99.9	315.5	329.8	4.8	95.2	999.9	999.9
17.0	54.4	5030.6	550.0	-5.6	-6.4	999.9	99.9	99.9	99.9	317.4	330.5	4.3	94.3	999.9	999.9
18.7	57.5	5354.9	525.0	-7.4	-8.3	999.9	99.9	99.9	99.9	319.5	331.5	3.9	93.3	999.9	999.9
20.2	60.6	5773.7	500.0	-9.9	-10.9	999.9	99.9	99.9	99.9	321.0	331.4	3.3	92.3	999.9	999.9
21.7	63.9	6168.1	475.0	-12.3	-13.4	999.9	99.9	99.9	99.9	322.8	331.9	2.9	91.2	999.9	999.9
23.3	67.1	6580.4	450.0	-14.3	-15.8	999.9	99.9	99.9	99.9	325.2	333.3	2.5	88.9	999.9	999.9
24.9	70.6	7012.1	425.0	-17.0	-18.7	999.9	99.9	99.9	99.9	327.2	333.9	2.0	86.2	999.9	999.9
26.5	74.1	7465.4	400.0	-19.4	-21.4	999.9	99.9	99.9	99.9	329.2	335.6	1.7	84.2	999.9	999.9
28.2	77.9	7942.0	375.0	-23.2	-25.8	999.9	99.9	99.9	99.9	330.9	336.2	1.2	78.8	999.9	999.9
30.1	81.7	8443.6	350.0	-26.7	-29.7	999.9	99.9	99.9	99.9	332.2	336.0	0.9	75.7	999.9	999.9
31.7	85.7	8974.2	325.0	-31.0	-33.4	999.9	99.9	99.9	99.9	334.0	336.5	0.7	79.0	999.9	999.9
33.9	89.8	9536.7	300.0	-35.5	-40.8	999.9	99.9	99.9	99.9	335.3	336.6	0.4	57.9	999.9	999.9
36.0	94.3	10134.7	275.0	-41.6	99.9	999.9	99.9	99.9	99.9	335.0	999.9	99.9	999.9	999.9	999.9
38.2	98.8	10772.9	250.0	-47.0	99.9	999.9	99.9	99.9	99.9	336.2	999.9	99.9	999.9	999.9	999.9
40.7	103.8	11461.3	225.0	-53.3	99.9	999.9	99.9	99.9	99.9	336.9	999.9	99.9	999.9	999.9	999.9
43.2	108.0	12268.9	200.0	-59.8	99.9	999.9	99.9	99.9	99.9	338.2	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
ELMORE CITY, OKLAHOMA

21 MAY 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.3	320.0	973.2	18.0	16.9	999.9	99.9	99.9	99.9	293.4	325.9	12.5	93.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	11.5	527.1	950.0	16.8	15.8	999.9	99.9	99.9	99.9	294.3	325.6	12.0	93.9	999.9	999.9
1.5	13.9	754.5	925.0	15.2	14.3	999.9	99.9	99.9	99.9	294.8	325.6	11.1	94.3	999.9	999.9
2.3	16.3	987.2	900.0	14.7	12.6	999.9	99.9	99.9	99.9	296.6	323.9	10.3	87.7	999.9	999.9
3.1	18.8	1225.9	875.0	14.0	12.5	999.9	99.9	99.9	99.9	298.3	326.4	10.5	90.9	999.9	999.9
4.0	21.3	1470.5	850.0	12.5	10.6	999.9	99.9	99.9	99.9	299.2	326.8	9.5	88.4	999.9	999.9
4.8	23.9	1721.2	825.0	11.5	9.0	999.9	99.9	99.9	99.9	300.8	326.8	8.8	84.9	999.9	999.9
5.6	26.4	1978.7	800.0	10.2	7.7	999.9	99.9	99.9	99.9	302.0	326.8	8.3	84.9	999.9	999.9
6.4	29.0	2242.6	775.0	8.9	4.4	999.9	99.9	99.9	99.9	303.3	322.3	6.8	73.5	999.9	999.9
7.2	31.6	2513.9	750.0	7.5	2.9	999.9	99.9	99.9	99.9	304.7	322.5	6.3	72.7	999.9	999.9
8.1	34.2	2792.5	725.0	5.4	1.8	999.9	99.9	99.9	99.9	305.4	322.5	6.1	77.8	999.9	999.9
9.0	37.0	3079.2	700.0	4.1	0.2	999.9	99.9	99.9	99.9	307.1	323.1	5.6	75.6	999.9	999.9
9.8	42.6	3680.4	650.0	2.3	-1.0	999.9	99.9	99.9	99.9	308.2	323.5	5.3	78.4	999.9	999.9
10.8	45.4	3956.5	625.0	0.5	-4.0	999.9	99.9	99.9	99.9	311.6	323.8	4.4	62.8	999.9	999.9
11.6	45.4	4323.2	600.0	-1.5	-8.1	999.9	99.9	99.9	99.9	312.9	323.0	3.3	52.7	999.9	999.9
12.6	48.3	4661.2	575.0	-3.2	-12.1	999.9	99.9	99.9	99.9	314.4	322.2	2.5	44.3	999.9	999.9
13.5	51.3	5011.8	550.0	-5.1	-17.4	999.9	99.9	99.9	99.9	316.3	321.7	1.7	32.3	999.9	999.9
14.5	54.4	5375.6	525.0	-7.9	-14.9	999.9	99.9	99.9	99.9	319.0	325.8	2.5	51.8	999.9	999.9
15.4	57.4	5753.2	500.0	-10.4	-22.0	999.9	99.9	99.9	99.9	320.4	325.3	2.3	57.0	999.9	999.9
16.4	60.6	6145.7	475.0	-13.4	-29.1	999.9	99.9	99.9	99.9	321.4	323.9	1.3	38.0	999.9	999.9
17.4	63.9	6555.3	450.0	-15.3	-50.0	999.9	99.9	99.9	99.9	324.1	324.4	0.7	25.3	999.9	999.9
19.3	67.1	6985.1	425.0	-17.8	-61.2	999.9	99.9	99.9	99.9	326.2	324.3	0.1	3.5	999.9	999.9
20.8	74.3	7435.6	400.0	-21.2	-63.4	999.9	99.9	99.9	99.9	327.5	327.6	0.0	1.0	999.9	999.9
22.2	78.0	7908.1	375.0	-25.3	-66.1	999.9	99.9	99.9	99.9	328.1	328.2	0.0	1.0	999.9	999.9
23.6	81.8	8404.8	350.0	-29.3	-41.4	999.9	99.9	99.9	99.9	329.3	330.4	0.3	30.6	999.9	999.9
25.1	85.8	8931.2	325.0	-32.0	-53.4	999.9	99.9	99.9	99.9	332.7	333.0	0.1	9.9	999.9	999.9
26.6	90.0	9492.2	300.0	-36.2	-49.1	999.9	99.9	99.9	99.9	334.4	335.0	0.1	24.7	999.9	999.9
28.2	94.3	10089.8	275.0	-41.5	99.9	999.9	99.9	99.9	99.9	335.1	999.9	99.9	999.9	999.9	999.9
30.1	99.0	10728.8	250.0	-47.2	59.9	999.9	99.9	99.9	99.9	336.0	999.9	99.9	999.9	999.9	999.9
32.2	104.0	11417.6	225.0	-52.6	99.9	999.9	99.9	99.9	99.9	337.9	999.9	99.9	999.9	999.9	999.9
34.3	109.2	12169.4	200.0	-57.7	99.9	999.9	99.9	99.9	99.9	341.5	999.9	99.9	999.9	999.9	999.9
36.5	115.0	13002.2	175.0	-62.5	99.9	999.9	99.9	99.9	99.9	346.8	999.9	99.9	999.9	999.9	999.9
38.7	121.2	13944.2	150.0	-65.0	99.9	999.9	99.9	99.9	99.9	358.1	999.9	99.9	999.9	999.9	999.9
41.9	128.2	15063.7	125.0	-62.9	59.9	999.9	99.9	99.9	99.9	381.2	999.9	99.9	999.9	999.9	999.9
45.9	136.0	16442.6	100.0	-62.9	99.9	999.9	99.9	99.9	99.9	406.3	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE GR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
FT. SILL, OKLAHOMA20 MAY 1979
1105 GMT

117 89. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	361.0	565.9	22.2	19.2	209.0	4.0	1.4	3.8	299.3	336.5	14.7	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	973.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	10.7	506.2	950.0	22.8	20.4	217.6	12.9	7.9	10.2	300.4	342.9	16.1	86.1	0.4	25.
1.2	12.8	739.8	925.0	23.2	19.7	232.0	14.3	11.3	8.0	303.0	345.4	15.9	80.9	0.9	36.
2.0	14.9	979.6	900.0	22.7	18.7	248.8	16.6	15.4	6.0	305.8	346.4	15.3	78.2	1.5	47.
2.8	17.1	1225.5	875.0	22.1	17.0	257.0	19.1	18.6	4.3	306.7	345.2	14.1	72.8	2.4	58.
3.7	19.4	1472.3	850.0	21.7	14.9	257.7	18.6	18.2	4.0	308.5	343.9	12.6	65.0	3.4	64.
4.5	21.6	1737.3	825.0	20.2	12.7	264.5	16.0	16.0	1.6	309.9	341.5	11.3	62.1	4.2	67.
5.4	23.9	2002.5	800.0	18.6	10.5	265.6	12.1	12.1	0.9	311.0	339.3	10.0	59.0	4.0	70.
6.2	26.2	2274.5	775.0	16.7	8.2	257.9	12.5	12.2	2.6	311.8	337.0	8.9	57.1	5.4	71.
7.0	28.5	2553.1	750.0	14.2	6.5	256.7	11.6	11.3	2.7	312.0	335.3	8.1	59.6	6.0	72.
8.0	30.9	2838.4	725.0	11.6	4.3	251.8	9.5	9.0	3.0	312.1	332.9	7.2	60.9	6.6	72.
8.9	33.3	3131.1	700.0	9.0	2.8	244.8	8.7	7.9	3.7	312.4	332.0	6.7	65.5	7.2	72.
9.9	35.7	3431.5	675.0	6.8	-1.1	238.0	7.0	5.9	3.7	313.3	328.7	5.2	56.9	7.6	71.
11.0	38.3	3741.0	650.0	5.4	-8.8	241.1	6.8	5.9	3.3	315.1	324.3	3.0	35.0	8.0	70.
12.1	40.8	4060.0	625.0	2.7	-9.1	241.5	9.2	8.1	4.4	315.5	324.9	3.1	41.3	8.5	70.
13.2	43.4	4398.9	600.0	0.0	-10.1	241.5	12.3	10.8	5.8	316.2	325.3	3.0	46.3	9.2	69.
14.4	46.1	4728.3	575.0	-2.5	-14.6	242.5	13.4	11.9	6.2	317.1	323.9	2.1	38.7	10.1	68.
15.5	48.8	5079.3	550.0	-4.9	-20.3	242.4	16.1	14.3	7.5	318.3	322.8	1.4	28.5	11.1	68.
16.7	51.6	5444.0	525.0	-6.8	-25.3	242.8	17.7	15.7	8.1	320.3	323.4	0.9	21.2	12.3	68.
18.0	54.4	5823.3	500.0	-9.4	-21.2	240.6	18.1	15.8	6.9	321.6	326.4	1.5	40.1	13.7	67.
19.3	57.4	6217.4	475.0	-12.6	-21.7	245.1	16.5	15.0	7.0	322.3	327.5	1.6	52.2	15.0	66.
20.5	60.4	6629.0	450.0	-14.2	-23.7	252.6	13.2	13.1	1.7	323.4	327.0	0.4	15.6	16.1	67.
21.9	63.5	7060.2	425.0	-17.6	-35.9	271.4	10.8	10.8	-0.3	326.4	327.9	0.4	18.4	17.1	68.
23.5	66.7	7510.7	400.0	-21.4	-35.8	255.6	9.4	9.1	2.3	327.2	328.8	0.4	25.9	17.9	69.
24.9	70.0	7982.9	375.0	-25.4	-32.7	237.6	12.7	10.7	6.8	327.5	330.2	0.6	50.1	18.7	69.
26.5	73.4	8481.0	350.0	-28.3	-30.2	245.1	19.7	17.9	8.3	330.6	333.7	0.9	83.9	20.3	68.
28.1	77.0	9007.8	325.0	-32.4	-37.4	249.8	28.5	26.8	9.8	332.0	333.7	0.5	60.6	22.5	68.
29.7	80.7	9566.9	300.0	-37.1	-42.6	249.4	34.4	32.2	12.1	333.1	334.2	0.3	55.8	25.6	68.
31.6	84.7	10163.4	275.0	-41.3	99.9	247.5	35.8	33.1	13.7	335.5	999.9	99.9	999.9	29.8	68.
33.5	88.8	10832.1	250.0	-46.7	99.9	251.3	35.3	33.5	11.3	336.7	999.9	99.9	999.9	33.8	68.
35.7	93.2	11495.2	225.0	-50.8	99.9	258.2	35.6	34.8	7.3	340.7	999.9	99.9	999.9	38.4	69.
37.8	97.3	12252.7	200.0	-56.5	99.9	262.2	32.2	32.0	4.4	343.4	999.9	99.9	999.9	42.8	70.
40.1	103.0	13086.8	175.0	-62.9	99.9	264.0	27.4	27.2	2.9	346.2	999.9	99.9	999.9	46.6	72.
42.6	108.5	14025.1	150.0	-67.2	99.9	258.2	30.9	30.2	6.3	354.3	999.9	99.9	999.9	50.7	72.
45.2	114.7	15123.4	125.0	-66.2	99.9	261.6	30.4	30.0	4.5	375.1	999.9	99.9	999.9	56.1	73.
48.5	121.7	16493.0	100.0	-64.7	99.9	999.9	99.9	99.9	99.9	402.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28 FT. SILL, OKLAHOMA														117 91. 0		
20 MAY 1979																
1405 GMT																
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT Y	E POT Y	MX RTG	RH	RANGE	AZ	
MIN		GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT	KN	DEG	
0.0	9.1	361.0	967.7	25.0	20.5	210.0	10.0	5.0	8.7	301.0	343.1	15.9	76.0	0.0	0.	
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	
0.4	10.7	523.3	950.0	23.5	19.2	222.9	6.5	4.5	4.8	301.0	340.7	14.9	77.0	0.3	25.	
1.1	12.8	756.3	925.0	22.2	17.9	246.7	8.3	7.6	3.3	302.0	339.7	14.1	76.5	0.5	38.	
2.0	15.1	955.3	900.0	22.3	16.2	274.9	11.4	11.4	-1.0	304.5	339.7	13.0	68.4	1.0	61.	
2.9	17.3	1241.4	875.0	22.5	14.0	290.9	12.7	11.9	-4.5	307.2	339.2	11.6	58.6	1.5	79.	
3.7	19.6	1493.5	850.0	20.9	12.6	294.0	12.8	11.7	-5.2	308.1	338.2	10.9	58.9	2.1	89.	
4.7	21.9	1751.5	825.0	15.4	12.1	281.0	12.8	12.5	-2.4	309.1	339.3	10.8	62.5	2.7	94.	
5.5	24.2	2015.9	800.0	17.3	10.2	272.5	11.8	11.6	-0.5	309.6	337.3	9.9	63.3	3.3	94.	
6.3	26.5	2286.4	775.0	14.9	8.6	272.4	10.7	10.7	-0.4	309.6	335.6	9.1	65.9	3.9	94.	
7.3	29.0	2563.4	750.0	12.9	6.6	264.4	9.1	9.1	0.9	310.6	334.0	8.2	65.6	4.5	94.	
8.2	31.4	2847.8	725.0	10.5	5.1	250.1	7.1	6.6	2.4	310.5	332.8	7.6	69.4	4.9	92.	
9.1	33.8	3139.3	700.0	8.4	0.4	249.1	6.4	6.0	2.3	311.8	328.3	5.7	57.1	5.2	90.	
10.0	36.3	3439.1	675.0	6.2	-2.9	248.6	5.2	4.8	1.9	312.6	326.2	4.6	52.1	5.5	89.	
11.0	38.8	3747.1	650.0	3.3	-4.5	238.8	6.6	5.7	3.4	312.7	325.3	4.2	56.6	5.8	88.	
12.1	41.4	4064.3	625.0	1.2	-7.1	225.2	8.3	5.9	5.9	313.6	324.7	3.6	51.0	6.2	85.	
13.1	44.1	4391.8	600.0	-0.3	-14.3	228.2	9.5	7.1	6.3	315.6	322.4	2.1	33.8	6.6	82.	
14.2	46.7	4730.8	575.0	-3.0	-14.7	242.6	11.8	10.4	5.4	316.5	323.1	2.1	39.9	7.2	80.	
15.4	49.6	5081.6	550.0	-5.2	-8.6	247.1	15.5	14.2	6.0	317.5	329.0	3.6	77.2	8.2	78.	
16.7	52.3	5446.2	525.0	-6.9	-11.6	239.3	17.7	15.3	9.1	320.1	329.5	3.0	69.3	9.4	76.	
18.0	55.2	5825.3	500.0	-9.7	-13.9	233.1	18.2	14.6	10.9	321.2	329.5	2.6	71.0	10.8	74.	
19.5	58.2	6215.5	475.0	-12.9	-15.9	234.2	15.0	12.2	8.8	322.0	328.9	2.1	71.8	12.2	71.	
20.9	61.2	6630.3	450.0	-15.1	-33.2	241.2	11.9	10.4	5.7	324.2	326.1	0.5	19.7	13.3	70.	
22.3	64.4	7056.9	425.0	-18.2	-24.6	235.7	10.7	8.8	5.5	325.6	329.7	1.2	57.0	14.1	69.	
23.6	67.5	7510.6	400.0	-21.5	-27.9	231.5	13.2	12.5	4.2	327.2	330.4	1.0	56.2	14.9	68.	
24.9	70.9	7982.4	375.0	-25.6	-35.9	231.5	13.2	12.5	4.2	327.2	330.4	1.2	56.2	15.8	68.	
26.5	74.3	8478.5	350.0	-30.1	-34.8	280.2	19.3	19.0	3.3	328.1	330.1	0.6	63.5	17.2	69.	
28.2	77.9	9002.2	325.0	-33.5	-45.9	258.3	27.5	26.9	5.6	330.5	331.3	0.3	63.2	19.6	70.	
30.1	81.7	9500.1	300.0	-37.1	-41.6	247.8	34.6	32.0	13.1	333.1	334.3	0.3	63.2	23.1	71.	
32.2	85.5	10156.2	275.0	-41.3	99.9	243.0	36.8	32.8	16.7	335.4	999.9	99.9	999.9	27.7	70.	
34.3	89.6	10796.9	250.0	-46.1	99.9	246.0	34.5	31.5	14.0	337.4	999.9	99.9	999.9	32.3	69.	
36.4	94.0	11489.0	225.0	-51.4	99.9	250.7	34.1	32.1	11.3	339.7	999.9	99.9	999.9	36.4	69.	
38.6	98.6	12243.6	200.0	-57.9	99.9	254.8	35.4	34.2	9.3	341.0	999.9	99.9	999.9	41.3	69.	
41.1	103.6	13075.5	175.0	-62.7	99.9	255.8	31.2	30.3	7.6	346.5	999.9	99.9	999.9	46.3	70.	
43.9	109.2	14016.1	150.0	-67.0	99.9	252.7	29.5	28.2	8.8	354.6	999.9	99.9	999.9	50.9	70.	
46.9	115.2	15118.8	125.0	-64.0	99.9	257.4	32.2	31.4	7.0	379.1	999.9	99.9	999.9	57.3	71.	
50.3	122.2	16494.9	100.0	-63.7	99.9	999.9	99.9	99.9	99.9	404.6	999.9	99.9	999.9	999.9	999.9	
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28
 FT. SILL, OKLAHOMA

 20 MAY 1979
 1705 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	361.0	568.1	29.9	20.5	30.0	2.0	-1.0	-1.7	305.5	348.9	15.9	57.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	10.6	529.2	550.0	26.7	18.7	117.0	6.6	-5.9	3.0	304.2	343.5	14.5	61.8	0.4	129.
1.3	12.7	764.2	925.0	23.9	17.7	191.1	2.6	0.5	2.5	303.7	341.3	13.9	68.4	0.2	129.
2.3	14.9	1003.4	900.0	21.6	17.4	258.2	2.2	2.2	0.0	303.6	341.6	14.1	77.4	0.3	109.
3.1	17.1	1247.8	875.0	19.3	17.2	269.2	2.6	2.6	0.0	303.6	342.2	14.3	87.5	0.4	99.
3.9	19.4	1497.5	850.0	17.5	16.4	278.0	2.2	2.1	-0.3	304.5	342.3	14.0	92.9	0.5	100.
4.9	21.6	1753.4	825.0	17.2	12.3	267.7	1.9	1.9	0.1	306.2	337.4	11.1	93.5	0.6	97.
5.7	23.9	2016.3	800.0	16.6	10.9	274.9	4.0	4.0	-0.3	308.9	337.9	10.4	69.1	0.7	98.
6.6	26.3	2286.9	775.0	14.9	8.0	262.5	5.0	4.9	0.7	309.6	334.6	8.8	63.6	1.0	95.
7.5	28.5	2564.3	750.0	13.2	6.1	242.2	4.8	4.3	2.3	311.0	333.6	7.9	61.9	1.2	91.
8.5	31.0	2848.5	725.0	10.8	3.7	221.7	5.4	3.6	4.0	311.3	331.2	6.9	61.3	1.5	84.
9.5	33.4	3140.6	700.0	6.6	-2.2	209.3	5.6	2.7	4.9	312.0	325.8	4.7	46.5	1.7	75.
10.7	35.9	3440.3	675.0	6.6	-3.8	208.4	6.8	3.2	6.0	313.1	325.9	4.3	47.5	2.0	67.
11.8	38.4	3748.8	650.0	3.4	-2.8	209.7	8.7	4.3	7.5	312.9	327.1	4.8	64.0	2.4	59.
12.8	40.9	4066.4	625.0	1.8	-5.6	214.8	9.8	5.6	8.1	314.5	326.8	4.1	57.9	3.0	54.
13.9	43.6	4394.8	600.0	-0.4	-7.7	224.7	9.8	6.9	7.0	315.7	326.5	3.6	57.5	3.6	51.
15.0	45.2	4733.3	575.0	-3.6	-7.2	232.7	11.0	8.7	6.7	316.7	327.6	3.9	76.2	4.3	51.
16.2	48.9	5083.2	550.0	-6.2	-7.4	236.6	14.3	12.0	7.9	316.7	328.8	4.0	91.3	5.1	52.
17.5	51.8	5446.7	525.0	-8.3	-9.6	238.9	16.9	14.5	8.7	318.4	329.3	3.5	90.7	6.4	53.
18.7	54.6	5824.0	500.0	-10.9	-11.4	238.1	17.7	15.0	9.3	319.6	329.7	3.2	95.7	7.7	54.
20.0	57.5	6217.4	475.0	-12.8	-13.1	242.6	17.3	15.4	8.0	322.1	331.3	2.9	97.5	9.0	55.
21.3	60.5	6627.6	450.0	-15.8	-15.5	249.2	14.1	13.2	5.0	323.3	329.3	1.8	73.5	10.3	56.
22.6	63.6	7056.6	425.0	-18.9	-21.5	251.5	10.5	9.9	3.3	324.2	330.1	1.6	79.4	11.2	57.
23.2	66.9	7504.4	400.0	-22.8	-31.2	252.6	11.0	10.5	3.3	325.4	327.9	0.7	45.7	12.1	59.
25.7	70.1	7974.3	375.0	-26.3	-33.9	256.5	14.0	13.6	3.3	326.8	328.9	0.6	48.4	13.1	60.
27.2	73.6	8469.1	350.0	-30.1	-42.5	252.5	19.1	18.2	5.7	328.2	329.3	0.3	34.3	14.6	61.
28.9	77.1	8955.0	325.0	-32.2	-39.9	246.6	22.5	20.7	8.9	332.2	333.6	0.4	45.9	16.8	62.
30.8	81.0	9558.2	300.0	-36.3	-45.1	241.4	27.1	23.8	13.0	334.2	335.0	0.2	39.4	19.5	63.
33.6	84.8	10152.9	275.0	-41.3	-59.9	240.5	32.3	28.1	15.9	335.4	335.9	99.9	99.9	22.8	62.
34.4	89.0	10793.5	250.0	-45.8	99.9	237.6	33.2	28.1	17.8	338.0	99.9	99.9	99.9	26.4	62.
36.3	93.4	11485.6	225.0	-52.2	59.9	244.7	35.8	32.4	15.3	338.5	599.9	99.9	99.9	30.2	62.
38.7	98.2	12235.4	200.0	-57.0	99.9	249.9	36.4	34.2	12.5	342.4	99.9	99.9	99.9	35.5	63.
41.3	103.4	13075.7	175.0	-61.4	99.9	249.5	34.3	32.2	12.0	348.7	99.9	99.9	99.9	40.8	64.
43.7	109.0	14018.9	150.0	-66.3	99.9	249.2	29.8	27.9	10.6	355.6	99.9	99.9	99.9	45.3	64.
46.7	115.2	15128.2	125.0	-63.6	99.9	260.4	29.8	29.4	5.0	379.9	99.9	99.9	99.9	51.2	65.
50.1	122.5	16500.3	100.0	-63.3	99.9	599.9	99.9	99.9	99.9	405.5	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28
FT.SILL. CKLAMONA
20 MAY 1979
2005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	V COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	361.0	965.4	28.1	19.6	30.0	4.0	-2.0	-3.5	304.3	344.9	15.1	60.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	10.7	504.0	950.0	27.1	19.1	30.4	6.0	-3.0	-5.2	304.7	344.8	14.9	61.9	0.2	193.
1.2	12.9	739.7	925.0	25.1	18.1	37.9	5.7	-3.5	-4.5	305.0	343.8	14.3	65.2	0.4	202.
2.0	15.2	980.4	900.0	23.0	17.9	58.1	5.5	-4.7	-2.9	305.2	344.6	14.5	73.2	0.7	211.
3.7	17.4	1226.0	875.0	20.7	17.4	66.0	6.2	-5.7	-2.5	305.3	344.6	14.5	81.7	0.9	222.
3.7	19.6	1476.6	850.0	18.2	16.9	74.7	5.1	-6.9	-1.3	305.2	344.4	14.5	92.2	1.2	227.
4.6	22.0	1732.7	825.0	16.5	15.6	90.7	4.1	-6.1	0.1	306.1	343.2	13.6	94.1	1.4	234.
5.5	24.3	1995.1	800.0	14.7	13.3	48.5	4.2	-3.2	-2.8	306.2	340.1	12.1	91.1	1.6	237.
6.4	26.7	2264.0	775.0	13.5	10.9	87.1	3.8	-3.8	-0.2	308.3	338.0	10.7	84.6	1.8	237.
7.3	29.1	2540.1	750.0	11.7	8.1	95.3	1.9	-1.8	0.2	309.3	335.0	9.1	78.5	1.9	238.
8.4	31.5	2823.6	725.0	9.7	6.9	102.6	1.3	-1.2	0.3	310.1	334.7	8.7	82.8	2.0	240.
9.4	34.0	3114.8	700.0	8.1	3.3	144.4	0.9	-0.5	0.7	311.5	331.6	7.0	71.3	2.0	241.
10.6	36.5	3414.9	675.0	6.5	0.2	246.7	2.8	2.6	1.1	312.9	329.8	5.8	64.2	1.9	242.
11.8	39.0	3724.4	650.0	5.2	-1.9	273.6	5.7	5.7	-0.4	314.2	330.1	5.2	60.4	1.7	238.
12.7	41.6	4044.2	625.0	3.2	-3.7	276.5	8.4	8.3	-0.9	316.2	330.2	4.7	60.4	1.4	227.
13.6	44.2	4374.2	600.0	1.2	-6.1	258.0	14.6	14.3	3.0	317.5	329.8	4.0	57.9	1.1	211.
14.3	46.9	4715.8	575.0	-0.6	-8.6	253.4	17.5	16.8	5.0	319.3	330.1	3.5	54.4	0.6	149.
15.1	49.7	5069.5	550.0	-3.7	-11.2	321.3	8.1	5.0	-6.3	319.7	328.9	3.0	56.2	0.8	148.
15.8	52.4	5434.9	525.0	-7.1	-12.5	280.6	10.6	10.4	-1.9	319.5	328.6	2.8	65.6	1.2	133.
16.6	55.3	5813.8	500.0	-9.7	-14.4	274.6	9.8	9.7	-0.8	321.2	329.1	2.5	68.8	1.6	122.
17.4	58.1	6207.2	475.0	-13.3	-16.3	280.1	7.8	7.7	-1.4	321.5	328.7	2.2	78.1	2.0	116.
18.3	61.2	6616.7	450.0	-17.0	-18.0	284.3	6.7	6.5	-1.7	321.5	328.6	2.1	92.1	2.4	115.
19.2	64.3	7043.8	425.0	-19.7	-20.5	267.7	6.8	6.8	0.3	323.2	329.5	1.8	93.4	2.7	113.
20.6	67.5	7492.3	400.0	-22.1	-23.3	299.9	58.9	99.9	99.9	326.2	331.2	1.5	90.0	999.9	999.9
21.6	70.9	7864.9	375.0	-24.1	-25.6	999.9	99.9	99.9	99.9	329.2	334.1	1.3	87.2	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

20 MAY 1979
2150 GMT

23 732. 0

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* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28
FT. SILL, OKLAHOMA20 MAY 1979
2305 GMT

116 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	361.0	967.0	18.5	18.3	60.0	4.0	-3.5	-2.0	294.2	330.4	13.9	99.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	10.8	514.2	950.0	19.0	17.8	23.4	6.0	-2.4	-5.5	296.5	332.2	13.7	92.5	0.3	216.
1.2	13.0	744.7	925.0	20.4	15.9	18.4	7.6	-2.4	-7.2	300.2	333.2	12.4	75.0	0.6	208.
1.9	15.2	982.2	900.0	20.9	14.0	11.1	7.9	-1.5	-7.7	303.1	333.6	11.3	64.7	0.9	208.
2.8	17.5	1226.2	875.0	19.8	12.2	3.9	6.5	-0.4	-6.5	304.4	332.5	10.3	61.3	1.3	198.
3.6	19.7	1475.8	850.0	18.2	10.2	25.1	4.7	-2.0	-4.3	305.2	330.8	9.3	59.7	1.6	198.
4.4	22.0	1731.4	825.0	17.3	9.3	121.4	2.4	-2.0	1.2	306.8	331.8	8.9	59.3	1.7	198.
5.3	24.3	1993.8	800.0	15.3	8.4	194.9	5.8	1.5	5.6	307.5	331.6	8.7	63.1	1.5	199.
6.3	26.6	2263.0	775.0	14.1	6.2	203.4	8.6	3.4	7.9	309.0	331.0	7.7	58.8	1.1	199.
7.1	29.0	2539.1	750.0	12.5	5.3	207.5	10.7	4.9	9.5	310.2	331.6	7.5	61.4	0.6	194.
8.0	31.4	2822.8	725.0	9.6	5.2	207.0	12.8	5.8	11.4	310.6	331.9	7.7	73.6	0.2	107.
9.0	33.9	3113.5	700.0	7.5	3.9	196.7	12.9	3.7	12.4	310.6	331.7	7.3	78.3	0.8	34.
10.0	36.4	3412.7	675.0	5.3	2.6	195.5	13.7	3.7	13.2	311.5	331.4	6.9	83.3	1.6	24.
11.0	38.9	3720.1	650.0	3.0	1.7	199.9	14.1	4.8	13.3	312.3	331.7	6.7	91.2	2.4	22.
12.1	41.5	4037.9	625.0	1.6	0.6	205.9	14.9	6.5	13.4	314.3	333.1	6.4	92.8	3.5	22.
13.2	44.1	4366.2	600.0	-0.4	-3.3	211.7	16.1	8.5	13.7	315.7	330.6	5.0	80.9	4.5	23.
14.2	46.8	4705.9	575.0	-2.7	-5.0	214.3	16.2	9.1	13.4	316.9	330.7	4.6	83.6	5.4	25.
15.3	49.6	5057.9	550.0	-4.2	-6.4	214.9	15.8	9.1	13.0	319.1	332.2	4.3	84.7	6.5	27.
16.4	52.3	5423.8	525.0	-6.4	-7.4	220.3	14.3	10.2	10.1	320.7	333.6	4.2	92.9	7.5	28.
17.6	55.2	5804.5	500.0	-8.5	-9.5	230.1	12.0	9.2	7.7	322.7	334.4	3.7	92.6	8.3	31.
18.9	58.2	6201.6	475.0	-10.6	-11.6	237.4	12.6	10.7	6.8	324.5	335.4	3.3	91.9	9.2	33.
20.1	61.3	6616.4	450.0	-12.9	-14.3	253.9	14.6	14.1	4.0	327.0	336.1	2.8	89.0	10.0	36.
21.3	64.4	7050.4	425.0	-15.7	-17.1	251.6	15.4	14.6	4.9	328.9	336.6	2.4	88.5	10.9	40.
22.6	67.6	7504.9	400.0	-19.4	-23.6	248.3	16.6	15.5	6.2	329.7	334.5	1.4	69.4	12.0	42.
24.2	71.0	7981.2	375.0	-22.8	-26.7	244.3	18.4	16.6	8.0	331.4	335.4	1.1	70.1	13.5	46.
25.6	74.4	8484.2	350.0	-26.4	-30.3	240.2	16.7	14.5	8.3	333.2	336.2	0.9	69.2	15.0	47.
27.1	78.1	9016.7	325.0	-29.8	-34.3	235.0	10.3	8.4	5.9	335.6	337.9	0.6	64.7	16.2	48.
28.6	81.9	9582.8	300.0	-33.9	-38.5	228.5	12.8	9.6	6.5	337.6	339.3	0.4	62.8	17.1	48.
30.4	85.8	10186.1	275.0	-39.0	-43.9	232.2	14.0	11.1	8.6	338.7	339.8	0.3	59.1	18.7	48.
32.5	90.0	10831.5	250.0	-44.6	-49.9	236.6	13.5	11.3	7.4	339.7	339.9	99.9	99.9	20.3	49.
34.8	94.4	11528.3	225.0	-50.4	-56.4	229.0	17.5	13.2	11.5	341.3	339.9	99.9	99.9	22.4	49.
37.0	99.2	12285.1	200.0	-57.0	-64.2	220.2	18.7	12.1	14.3	342.6	339.9	99.9	99.9	24.7	49.
39.0	104.3	13116.9	175.0	-64.2	-72.9	229.9	25.0	15.1	16.1	343.5	339.9	99.9	99.9	27.4	48.
41.3	109.8	14046.5	150.0	-69.8	-79.9	231.8	29.9	23.5	18.5	349.6	339.9	99.9	99.9	31.1	49.
44.4	116.0	15133.7	125.0	-65.1	-76.9	239.9	99.9	99.9	99.9	377.1	339.9	99.9	99.9	999.9	999.9
48.1	123.0	16456.3	100.0	-62.4	-74.9	239.9	99.9	99.9	99.9	407.2	339.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG.

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28
 FT. SILL, OKLAHOMA

 21 MAY 1979
 205 GMT

115 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	361.0	967.7	19.0	18.3	20.0	4.0	-1.4	-3.8	294.9	330.9	13.9	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	10.8	520.3	950.0	18.8	17.4	52.8	12.9	-10.3	-7.8	298.3	331.1	13.3	91.5	0.4	226.
1.2	13.0	756.2	925.0	15.9	14.7	59.1	15.1	-13.0	-7.8	299.6	326.6	10.0	63.3	1.0	233.
2.1	15.2	987.2	900.0	20.5	18.7	59.0	14.4	-11.8	-8.3	302.4	329.8	10.0	58.9	1.7	235.
2.8	17.5	1230.4	875.0	18.9	10.3	53.6	11.4	-9.2	-6.8	303.5	328.3	9.0	57.1	2.4	235.
3.6	19.7	1479.0	850.0	17.1	9.3	73.3	8.6	-8.3	-2.5	304.1	328.2	8.7	60.0	2.8	235.
4.4	22.0	1733.5	825.0	15.7	8.8	108.6	8.1	-7.6	2.6	305.2	329.2	8.7	63.3	3.1	240.
5.2	24.4	1994.3	800.0	13.4	8.6	130.8	9.0	-6.8	5.9	305.5	330.0	8.8	72.4	3.3	245.
6.1	26.7	2261.2	775.0	11.2	8.7	150.3	9.6	-4.8	8.4	305.8	331.2	9.2	84.6	3.5	254.
7.0	29.1	2534.9	750.0	9.9	7.0	161.1	8.0	-2.6	7.6	307.3	331.0	8.4	82.3	3.6	262.
8.1	31.5	2816.6	725.0	8.3	6.0	180.4	8.1	0.1	8.1	308.4	331.6	8.1	85.1	3.6	270.
9.2	33.9	3106.6	700.0	7.3	4.3	208.1	9.5	4.5	8.4	310.5	332.0	7.5	81.6	3.6	278.
10.2	36.5	3405.6	675.0	5.2	4.1	222.4	10.6	7.1	7.8	311.4	333.4	7.7	93.1	3.3	288.
11.2	39.0	3713.3	650.0	3.3	0.7	225.4	10.7	7.6	7.5	312.7	330.9	6.2	83.3	3.1	299.
12.2	41.6	4030.6	625.0	0.5	-0.0	228.7	11.2	8.4	7.4	313.0	330.9	6.1	96.3	2.9	311.
13.4	44.3	4357.8	600.0	-0.7	-3.9	230.9	13.5	10.5	8.5	315.2	329.6	4.8	79.1	2.9	329.
14.7	47.0	4696.8	575.0	-3.1	-8.2	231.0	16.2	12.6	10.2	316.4	327.3	3.6	67.8	3.3	349.
15.7	49.8	5047.9	550.0	-4.7	-21.6	234.6	16.4	13.4	9.5	318.5	322.6	1.2	25.4	3.8	2.
16.9	52.6	5411.9	525.0	-7.8	-24.3	237.9	15.0	12.7	8.0	319.0	322.6	1.0	25.0	4.6	14.
18.1	55.4	5789.2	500.0	-10.4	-14.2	237.2	13.9	10.2	9.4	320.4	328.6	2.6	75.1	5.4	21.
19.2	58.4	6183.6	475.0	-12.1	-15.7	215.8	15.3	8.9	12.4	323.0	332.5	3.0	95.2	6.3	24.
20.3	61.5	6595.9	450.0	-14.5	-15.3	216.4	17.1	10.1	13.7	325.0	333.3	2.6	93.3	7.3	26.
21.6	64.6	7027.0	425.0	-17.4	-18.8	211.2	18.1	9.4	15.5	326.6	333.3	2.0	89.1	8.7	27.
23.2	67.9	7479.1	400.0	-20.0	-22.5	211.5	19.2	10.0	16.4	329.0	334.3	1.6	80.5	10.5	27.
24.9	71.3	7955.5	375.0	-22.8	-27.2	218.2	21.3	13.2	16.7	331.5	335.2	1.1	66.6	12.6	29.
26.7	74.7	8458.4	350.0	-26.2	-30.7	231.0	20.8	16.2	13.1	333.5	336.4	0.8	65.6	14.7	31.
28.3	78.3	8989.9	325.0	-30.5	-35.1	244.6	22.3	20.1	9.5	339.7	336.8	0.6	63.9	16.6	34.
29.9	82.0	9553.7	300.0	-34.8	-39.8	255.3	23.3	22.5	5.9	336.3	337.8	0.4	60.2	18.4	38.
31.6	86.0	10154.6	275.0	-39.7	-44.7	252.2	26.0	24.8	7.9	337.7	338.7	0.3	58.0	20.5	42.
33.3	90.2	10797.7	250.0	-45.7	-49.9	253.5	28.9	27.7	8.2	338.2	999.9	99.9	999.9	22.9	46.
35.1	94.5	11490.2	225.0	-52.1	-59.9	254.8	32.1	31.0	8.4	338.7	999.9	99.9	999.9	25.7	49.
37.3	99.2	12241.3	200.0	-58.7	-69.9	248.4	35.6	33.1	13.1	339.8	999.9	99.9	999.9	30.0	53.
39.5	104.2	13065.4	175.0	-65.5	-79.9	237.9	31.0	26.2	16.5	341.8	999.9	99.9	999.9	34.6	54.
42.2	109.8	13994.9	150.0	-68.2	-89.9	229.7	30.4	23.2	19.7	352.4	999.9	99.9	999.9	39.2	53.
45.4	116.0	15106.7	125.0	-68.8	-99.9	999.9	99.9	99.9	99.9	377.7	999.9	99.9	999.9	45.3	54.
49.4	123.0	16473.2	100.0	-62.9	-99.9	999.9	99.9	99.9	99.9	406.3	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28
FT. SILL, OKLAHOMA

21 MAY 1979
505 GMT

32 647. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.7	361.0	971.9	18.3	18.1	360.0	2.0	0.0	-2.0	293.8	329.1	13.6	99.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
0.7	10.6	557.1	950.0	17.7	16.8	8.2	5.8	-0.8	-5.7	295.1	328.5	12.8	94.7	0.3	173.
1.5	12.8	785.6	925.0	16.8	15.8	42.5	5.2	-3.5	-3.8	296.5	328.9	12.3	94.1	0.5	184.
2.4	15.0	1019.3	900.0	15.4	14.4	71.2	7.5	-7.1	-2.4	297.4	328.1	11.6	93.7	0.7	205.
3.3	17.2	1258.2	875.0	13.7	12.7	73.7	8.9	-8.5	-2.5	298.0	328.3	10.6	93.4	1.1	225.
4.3	19.5	1502.7	850.0	12.2	11.0	65.4	8.9	-8.0	-3.7	298.9	325.1	9.8	92.4	1.6	233.
5.4	21.7	1753.0	825.0	10.8	9.5	56.8	10.0	-8.4	-5.5	300.1	324.7	9.1	91.4	2.2	235.
6.5	24.0	2010.1	800.0	10.1	8.3	53.0	8.5	-6.8	-5.1	301.9	325.6	8.7	88.9	2.9	235.
7.6	26.4	2273.8	775.0	8.3	6.5	31.4	6.8	-3.5	-5.8	302.7	324.5	7.9	88.8	3.4	234.
8.7	28.8	2544.6	750.0	6.9	5.2	331.8	5.1	2.4	-4.5	304.0	324.8	7.5	89.5	3.6	236.
9.6	31.2	2822.1	725.0	4.2	-1.9	279.1	3.1	3.0	-0.5	304.0	317.2	4.5	67.9	3.5	225.
10.7	33.6	3107.2	700.0	2.6	-2.8	265.4	1.3	1.3	0.1	305.3	318.2	4.5	67.9	3.5	225.
11.8	36.1	3400.8	675.0	1.2	-4.2	999.9	99.9	99.9	99.9	307.0	319.1	4.2	67.6	999.9	999.9
13.1	38.7	3704.0	650.0	0.4	-4.8	999.9	99.9	99.9	99.9	309.4	321.6	4.1	68.1	999.9	999.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28
 FT. SILL, OKLAHOMA

 21 MAY 1979
 805 GMT

99 159. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	361.0	968.3	17.8	17.5	350.0	1.0	0.2	-1.0	293.7	327.6	13.1	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	10.8	524.0	950.0	17.5	16.7	72.9	11.5	-11.0	-3.4	294.9	328.1	12.7	95.1	0.3	213.
1.5	12.9	753.5	925.0	17.7	13.0	70.3	10.4	-8.8	-3.5	297.5	324.8	10.3	74.0	0.9	243.
2.5	15.2	988.5	900.0	17.4	10.4	49.8	8.5	-6.5	-5.5	299.5	323.4	8.9	63.5	1.4	240.
3.3	17.4	1229.6	875.0	17.2	8.9	71.4	6.5	-6.1	-2.1	301.6	324.2	8.2	58.2	1.8	238.
4.3	19.6	1476.9	850.0	16.4	7.9	117.0	4.2	-3.7	1.9	303.2	325.1	7.9	57.2	2.0	243.
5.4	21.9	1730.5	825.0	14.6	6.0	207.6	2.3	1.1	2.0	304.0	324.0	7.2	56.4	2.1	248.
6.3	24.2	1990.7	800.0	14.0	5.6	301.5	4.8	4.1	-2.5	306.0	326.3	7.2	57.2	2.0	245.
7.2	26.5	2258.1	775.0	12.2	4.1	307.5	9.1	7.3	-5.6	306.9	325.7	6.6	57.7	1.9	234.
8.2	28.9	2532.5	750.0	10.9	2.0	300.5	12.4	10.7	-6.3	308.5	325.4	5.9	53.9	1.7	213.
9.3	31.4	2814.6	725.0	8.6	1.1	300.4	12.2	10.5	-6.2	309.0	325.5	5.7	58.9	1.9	180.
10.5	33.8	3103.8	700.0	6.2	0.8	297.5	13.2	11.7	-6.1	309.4	326.1	5.8	68.2	2.4	167.
11.6	36.3	3401.6	675.0	4.6	-1.4	296.1	16.5	14.8	-7.3	310.2	325.8	5.1	65.4	3.1	153.
12.9	38.8	3708.6	650.0	3.1	-6.5	295.9	18.6	16.7	-8.1	312.5	323.4	3.6	49.2	4.3	142.
14.1	41.4	4025.8	625.0	1.1	-7.8	287.5	17.2	16.4	-5.2	313.2	324.1	3.4	51.3	5.5	135.
15.2	44.1	4352.8	600.0	-1.4	-6.3	282.8	15.7	15.3	-3.5	314.5	326.5	4.0	69.4	6.5	130.
16.3	46.8	4691.3	575.0	-3.2	-6.8	280.3	12.9	12.7	-2.3	316.2	328.3	4.0	76.1	7.3	120.
17.6	49.6	5042.2	550.0	-5.7	-7.0	273.8	12.4	12.3	-0.8	317.3	329.8	4.1	90.9	8.2	123.
18.8	52.3	5405.7	525.0	-8.0	-8.3	263.0	13.0	12.9	1.6	318.2	330.8	3.9	98.0	8.9	120.
20.0	55.2	5784.5	500.0	-9.7	-9.9	253.7	13.5	13.0	3.8	321.2	332.5	3.6	98.4	9.6	110.
21.5	58.1	6179.1	475.0	-12.4	-12.6	248.1	15.1	14.0	5.6	322.7	332.3	3.1	98.0	10.6	111.
23.0	61.1	6590.6	450.0	-15.3	-15.9	241.1	17.2	15.0	8.3	324.0	331.9	2.5	95.4	11.6	106.
24.8	63.3	7019.4	425.0	-19.3	-30.0	228.8	18.5	13.9	12.1	324.2	326.8	0.7	38.0	13.0	99.
26.5	67.5	7467.6	400.0	-22.9	-49.4	224.0	20.0	13.9	14.4	325.2	326.2	0.3	17.3	14.2	93.
28.0	70.9	7938.0	375.0	-25.2	-66.0	217.5	25.2	15.3	20.0	328.2	328.3	0.0	1.0	15.5	87.
29.8	74.1	8435.8	350.0	-28.6	-68.3	215.3	24.7	14.3	20.2	330.2	330.2	0.0	1.0	17.3	80.
31.8	77.8	8962.1	325.0	-32.9	-71.1	218.2	26.6	16.5	20.9	331.3	331.4	0.0	1.0	19.6	74.
33.8	81.5	9520.8	300.0	-36.8	-71.8	218.4	31.8	19.7	24.9	333.2	333.5	0.0	1.4	22.6	69.
36.0	85.4	10117.6	275.0	-41.1	99.9	214.7	38.1	21.7	31.3	335.7	999.9	99.9	999.9	26.2	64.
38.3	89.5	10758.0	250.0	-46.5	59.9	218.3	40.0	24.8	31.4	336.5	999.9	99.9	999.9	31.8	59.
40.8	93.8	11448.6	225.0	-52.1	99.9	214.1	29.7	16.7	24.6	338.7	999.9	99.9	999.9	36.8	56.
43.4	98.6	12201.2	200.0	-57.9	99.9	218.5	31.3	19.5	24.5	341.1	999.9	99.9	999.9	40.7	54.
46.0	103.6	13032.0	175.0	-63.3	99.9	999.9	99.9	99.9	99.9	345.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

FT. SILL, OKLAHOMA

21 MAY 1979
1105 GMT

118 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	361.0	969.9	18.0	17.8	60.0	1.0	-0.9	-0.5	293.7	328.4	13.4	99.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	10.7	539.0	950.0	17.0	15.8	81.7	6.2	-6.1	-0.9	294.4	325.7	12.0	92.6	0.2	234.
1.3	12.9	766.5	925.0	15.7	14.5	84.4	8.3	-8.3	-0.8	295.4	325.2	11.4	92.7	0.4	253.
2.0	15.1	999.7	900.0	14.9	13.4	80.6	9.1	-9.0	-1.5	296.9	325.5	10.8	90.5	0.9	258.
2.8	17.4	1238.9	875.0	14.6	11.6	75.4	8.8	-8.5	-2.2	298.9	325.5	9.9	82.6	1.3	259.
3.7	19.7	1484.5	850.0	14.2	9.8	59.8	7.4	-6.4	-3.7	301.1	325.5	9.0	74.4	1.7	256.
4.4	21.9	1736.6	825.0	13.0	7.3	41.7	4.8	-3.2	-3.6	302.4	323.9	7.8	68.0	2.0	253.
5.2	24.3	1995.2	800.0	11.6	5.2	336.0	1.7	0.7	-1.6	303.5	322.9	7.0	64.6	2.1	250.
6.1	26.6	2230.4	775.0	10.0	4.7	298.5	2.9	2.5	-1.4	304.5	323.9	6.9	69.6	2.0	249.
6.9	29.0	2532.4	750.0	8.1	6.0	303.4	4.5	3.7	-2.5	305.4	327.4	7.9	86.4	1.9	244.
7.8	31.5	2812.6	725.0	7.0	3.0	299.0	5.7	5.0	-2.8	307.2	325.9	6.6	75.6	1.7	236.
8.7	33.9	3101.0	700.0	6.4	0.0	300.9	7.5	6.4	-3.9	309.6	325.5	5.5	63.7	1.6	226.
9.6	36.5	3399.0	675.0	4.6	-1.5	300.2	8.9	7.7	-4.5	310.8	325.6	5.1	64.4	1.6	209.
10.6	39.0	3705.3	650.0	2.0	-3.1	298.5	9.9	8.7	-4.7	311.2	325.0	4.7	68.7	1.7	190.
11.6	41.7	4021.6	625.0	1.1	-8.2	298.1	10.9	10.4	-3.4	313.7	323.8	3.3	49.8	1.9	172.
12.5	44.3	4349.0	600.0	-1.3	-9.7	270.8	11.3	11.3	-0.1	314.6	324.7	3.3	57.1	2.2	156.
13.4	47.0	4686.8	575.0	-4.0	-9.7	261.8	11.2	11.1	1.6	315.3	325.0	3.2	64.6	2.5	143.
14.6	49.8	5036.2	550.0	-7.2	-8.6	258.0	11.1	10.9	2.3	315.6	326.7	3.6	89.6	2.9	128.
15.8	52.6	5386.1	525.0	-8.3	-21.1	254.4	13.1	13.1	1.3	318.4	324.0	1.8	48.5	3.5	118.
17.0	55.6	5776.0	500.0	-9.9	-41.1	270.6	14.5	14.5	-2.1	321.0	321.8	0.2	5.7	4.4	112.
18.4	58.5	6169.4	475.0	-12.7	-46.2	266.5	15.6	15.6	1.0	322.3	322.8	0.1	4.1	5.6	107.
19.6	61.6	6575.2	450.0	-16.4	-43.0	248.8	15.7	14.7	5.7	323.7	323.4	0.2	7.9	6.7	102.
21.0	64.8	7006.6	425.0	-19.3	-52.8	244.9	16.5	15.0	7.0	324.2	324.5	0.1	3.3	7.8	96.
22.5	68.0	7454.2	400.0	-22.5	-59.6	246.5	17.1	15.6	6.8	325.6	325.9	0.0	2.7	9.1	92.
23.9	71.4	7924.6	375.0	-26.2	-43.0	228.6	21.5	16.1	14.2	326.9	327.9	0.3	22.7	10.5	87.
25.4	74.9	8420.8	350.0	-29.3	-39.1	216.1	26.9	15.9	21.7	329.2	330.6	0.4	40.0	12.1	79.
27.0	78.4	8946.7	325.0	-33.0	-37.9	216.8	26.2	15.7	21.0	331.3	332.9	0.4	60.6	14.1	72.
28.7	82.2	9504.8	300.0	-37.2	-42.7	222.6	23.0	15.5	18.9	333.0	334.1	0.3	56.2	16.2	67.
30.5	86.2	10100.6	275.0	-41.6	99.9	223.7	25.0	17.3	18.1	335.0	999.9	99.9	99.9	18.5	64.
32.3	90.3	10739.1	250.0	-47.5	99.9	221.4	30.3	20.1	22.8	335.6	999.9	99.9	99.9	21.2	61.
34.5	94.8	11428.5	225.0	-52.5	99.9	225.2	38.8	27.5	27.3	338.1	599.9	99.9	99.9	25.7	58.
36.5	99.4	12181.6	200.0	-56.6	99.9	235.1	36.9	30.3	21.1	343.1	999.9	99.9	99.9	30.3	57.
38.9	104.6	13021.1	175.0	-61.1	99.9	237.2	33.2	27.9	18.0	349.2	999.9	99.9	99.9	35.5	57.
41.7	110.2	13971.9	150.0	-62.1	99.9	245.4	29.7	27.0	12.4	363.2	999.9	99.9	99.9	40.5	57.
44.8	116.3	15102.5	125.0	-61.6	99.9	264.2	25.5	25.4	2.6	383.5	999.9	99.9	99.9	45.8	59.
48.6	123.7	16482.6	100.0	-61.3	99.9	999.9	99.9	99.9	99.9	409.3	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
 GAGE, OKLAHOMA

 20 MAY 1979
 1109 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.0	675.0	932.6	15.0	14.0	340.0	3.0	1.0	-2.8	294.0	322.4	10.9	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	13.9	747.5	925.0	14.8	13.9	999.9	99.9	99.9	99.9	294.5	323.0	10.9	94.5	99.9	99.9
1.3	16.3	979.7	900.0	14.7	12.9	999.9	99.9	99.9	99.9	296.7	324.5	10.5	88.7	99.9	99.9
2.3	19.8	1220.1	875.0	17.4	11.9	999.9	99.9	99.9	99.9	329.3	329.3	10.1	69.9	99.9	99.9
3.3	21.3	1458.4	850.0	17.2	8.4	599.9	99.9	99.9	99.9	304.2	326.9	8.2	56.3	0.8	176.
4.3	23.7	1721.8	825.0	15.1	6.9	319.0	3.5	2.3	-2.7	304.5	325.7	7.6	58.1	1.0	170.
5.3	25.2	1953.2	800.0	15.7	6.5	320.8	5.1	2.8	-4.2	307.5	329.4	7.6	54.2	1.2	164.
6.4	26.8	2222.2	775.0	14.4	4.3	323.5	6.2	3.7	-5.0	309.2	328.6	6.7	50.6	1.6	161.
7.5	31.4	2528.6	750.0	11.6	5.4	305.7	7.8	6.4	-4.6	309.2	330.7	7.6	66.0	2.0	155.
8.5	36.1	2812.0	725.0	10.5	6.4	295.0	9.8	8.8	-4.1	311.0	334.9	8.4	76.1	2.5	147.
9.6	36.8	3103.5	700.0	7.7	0.1	282.4	10.3	10.0	-2.2	311.0	327.0	5.5	58.0	3.0	139.
10.9	39.6	3402.6	675.0	6.0	-2.9	271.8	9.7	5.7	-0.6	312.4	326.0	4.6	52.6	3.6	132.
11.8	42.3	3710.5	650.0	3.0	-5.2	261.9	8.8	8.8	1.2	312.3	324.3	4.0	54.9	4.0	126.
12.8	45.2	4026.7	625.0	-0.0	-0.0	251.2	8.7	8.3	2.4	312.4	324.1	3.9	64.3	4.4	121.
13.7	43.1	4352.2	600.0	-2.5	-6.3	245.5	8.9	6.3	2.9	313.2	325.2	4.0	75.6	4.7	117.
15.0	51.1	4688.6	575.0	-5.8	-9.9	234.6	5.5	5.3	1.4	313.1	322.7	3.1	73.1	4.9	113.
16.2	54.1	5036.4	550.0	-7.5	-17.9	257.1	8.3	8.1	1.9	315.3	320.9	1.8	45.1	5.3	110.
17.6	57.3	5397.3	525.0	-8.9	-55.6	250.9	15.3	14.5	5.0	317.7	317.9	0.0	1.0	6.1	105.
19.0	63.4	5773.5	500.0	-11.1	-57.0	248.8	18.4	17.2	6.7	319.5	319.6	0.0	1.0	7.4	98.
20.5	63.6	6160.9	475.0	-11.4	-57.1	243.8	23.6	21.2	10.4	323.9	324.1	0.0	1.0	8.9	92.
22.2	67.0	6578.5	450.0	-15.2	-59.5	252.3	22.0	21.0	6.7	324.2	324.3	0.0	1.0	11.3	86.
23.7	70.4	7007.8	425.0	-18.9	-56.5	255.0	17.4	16.8	4.5	324.8	325.1	0.1	2.7	12.9	85.
25.2	74.0	7454.6	400.0	-23.7	-43.8	245.2	20.1	18.2	8.4	324.2	324.9	0.2	13.7	14.5	83.
26.9	77.7	7923.2	375.0	-27.6	-36.5	239.3	22.9	19.7	11.7	325.1	326.7	0.4	43.2	16.6	80.
28.8	81.5	8416.0	350.0	-31.2	-32.6	242.1	26.1	23.0	12.2	326.7	329.1	0.7	87.3	19.0	77.
30.9	85.5	8938.6	325.0	-34.3	-35.9	247.5	30.7	28.4	11.8	329.5	331.4	0.5	85.2	22.9	76.
33.3	89.7	9492.6	300.0	-39.5	99.9	246.3	30.4	27.8	12.2	329.7	99.9	99.9	99.9	27.1	74.
36.0	94.2	10083.2	275.0	-43.3	99.9	248.8	37.7	35.2	13.7	332.5	99.9	99.9	99.9	32.4	73.
38.7	98.8	10719.7	250.0	-47.5	99.9	251.8	39.4	37.4	12.3	335.2	99.9	99.9	99.9	38.8	73.
41.5	103.6	11410.2	225.0	-51.9	99.9	253.8	37.6	36.1	10.5	339.0	99.9	99.9	99.9	45.2	73.
44.7	109.0	12164.5	200.0	-57.2	99.9	254.4	29.6	28.5	8.0	342.1	99.9	99.9	99.9	52.4	73.
47.7	114.7	12998.5	175.0	-62.7	99.9	248.5	31.1	29.0	11.4	346.5	99.9	99.9	99.9	57.1	73.
51.5	121.2	13944.6	150.0	-62.8	99.9	252.2	21.6	20.6	6.6	361.5	99.9	99.9	99.9	63.5	72.
55.8	128.2	15059.9	125.0	-65.6	99.9	254.4	22.3	21.5	6.0	376.2	99.9	99.9	99.9	69.3	73.
61.3	136.3	16432.5	100.0	-61.1	99.9	99.9	99.9	99.9	99.9	409.7	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
GAGE, OKLAHOMA

20 MAY 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	V COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD CM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	678.0	934.6	16.0	15.4	20.0	4.0	-1.4	-3.8	294.8	325.8	11.9	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	13.5	766.0	925.0	14.8*	14.2	32.5	8.8	-4.7	-7.4	294.5	323.7	11.1	96.2	0.2	212.
1.2	15.8	998.2	900.0	14.3	13.7	43.3	8.7	-6.0	-6.3	296.2	325.4	11.0	95.7	0.6	214.
2.1	18.2	1236.0	875.0	12.6	10.2	54.5	8.7	-7.1	-5.0	296.9	321.1	9.1	86.0	1.0	222.
3.0	20.5	1481.3	850.0	15.9	7.1	60.2	7.2	-5.2	-3.6	302.8	323.5	7.5	56.0	1.5	227.
4.0	23.9	1734.5	825.0	15.5	4.2	50.2	4.7	-3.6	-3.0	305.0	322.7	6.3	45.7	1.8	230.
5.0	25.4	1955.5	800.0	14.7	2.9	37.1	2.9	-1.7	-2.3	306.8	323.7	5.9	45.2	2.0	228.
5.9	27.8	2263.0	775.0	13.5	-0.2	33.1	1.1	-0.6	-0.9	308.2	322.4	4.9	39.0	2.1	228.
6.9	30.4	2538.5	750.0	12.0	1.0	266.4	1.0	1.0	0.1	309.4	325.6	5.5	46.9	2.1	227.
7.9	32.9	2821.9	725.0	10.0	3.7	253.1	3.0	2.9	0.9	310.4	330.3	6.9	65.0	2.1	227.
8.9	35.4	3113.1	700.0	8.6	0.7	262.0	5.6	5.5	0.8	312.0	328.8	5.8	57.8	1.8	222.
10.1	38.1	3412.7	675.0	6.3	-2.2	267.3	6.1	6.1	0.3	312.7	327.1	4.8	54.4	1.5	209.
11.3	40.8	3721.3	650.0	4.0	-8.6	260.4	6.5	6.4	1.1	313.5	322.9	3.1	39.1	1.3	194.
12.6	43.6	4038.9	625.0	1.4	-8.3	256.1	6.8	6.6	1.6	314.0	324.0	3.3	48.3	1.2	171.
13.8	46.3	4368.7	600.0	-1.7	-8.9	259.1	6.8	6.7	1.3	314.1	324.0	3.3	58.0	1.3	147.
15.2	49.2	4703.5	575.0	-3.9	-9.8	261.8	7.1	7.0	1.0	315.4	325.2	2.2	52.3	2.1	116.
16.5	52.1	5052.4	550.0	-6.8	-14.9	265.0	9.4	9.4	0.8	316.1	322.9	0.8	21.4	2.9	107.
17.8	55.1	5414.0	525.0	-9.0	-27.3	263.2	14.5	14.4	1.7	317.6	320.2	1.3	37.6	4.2	98.
19.2	58.3	5790.5	500.0	-10.5	-23.8	257.1	16.9	16.5	3.8	320.2	324.4	0.0	1.0	5.6	92.
20.8	61.4	6185.1	475.0	-11.1	-26.9	257.1	16.9	16.1	3.5	324.3	324.4	0.0	1.0	7.1	89.
22.3	64.6	6597.1	450.0	-13.0	-35.3	251.1	14.9	14.1	4.8	324.3	325.9	0.4	22.5	8.3	87.
23.8	68.0	7025.8	425.0	-15.3	-43.1	255.3	14.7	14.3	3.8	324.3	325.9	0.2	7.2	8.3	87.
25.5	71.4	7473.7	400.0	-22.9	-37.8	259.9	99.9	99.9	99.9	325.2	328.5	1.0	63.7	9.9	84.
27.5	75.0	7944.3	375.0	-26.1	-30.2	269.9	99.9	99.9	99.9	327.1	329.9	0.8	67.7	99.9	99.9
29.5	78.7	8440.0	350.0	-30.3	-34.5	269.9	99.9	99.9	99.9	327.9	330.0	0.6	66.4	13.0	79.
32.0	82.7	8963.8	325.0	-33.9	-71.7	250.1	26.4	24.8	9.0	330.0	330.0	0.0	1.0	16.3	77.
34.6	86.8	9515.7	300.0	-38.1	-74.5	246.1	30.2	27.6	12.2	331.7	331.7	0.0	1.0	20.8	75.
37.3	91.2	10112.6	275.0	-42.6	99.9	241.2	31.1	27.3	15.0	333.6	99.9	99.9	99.9	25.6	73.
40.0	95.7	10749.2	250.0	-46.8	99.9	243.8	38.5	34.6	17.0	336.2	99.9	99.9	99.9	31.4	71.
43.0	100.6	11440.4	225.0	-51.3	99.9	244.2	39.7	35.7	17.3	339.5	99.9	99.9	99.9	38.1	69.
46.4	105.0	12195.7	200.0	-57.1	99.9	248.5	40.3	37.5	14.8	342.4	99.9	99.9	99.9	46.5	69.
49.7	111.8	13032.5	175.0	-61.5	99.9	256.6	32.5	31.6	7.5	348.5	99.9	99.9	99.9	54.6	69.
53.6	118.0	13978.9	150.0	-63.9	99.9	247.4	34.2	31.6	13.2	360.0	99.9	99.9	99.9	61.9	70.
57.9	125.0	15057.9	125.0	-63.5	99.9	258.1	31.3	30.6	6.5	380.0	99.9	99.9	99.9	70.6	70.
63.1	133.0	16476.4	100.0	-60.7	99.9	99.9	99.9	99.9	99.9	410.4	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
GAGE, OKLAHOMA20 MAY 1979
1700 GMT

125 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	12.5	678.0	936.3	18.9	15.2	40.0	5.0	-3.2	-3.8	297.6	328.6	11.7	79.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	13.7	782.3	925.0	17.0	15.3	55.0	7.3	-8.0	-4.2	296.7	328.1	11.9	89.7	0.4	218.
1.3	16.2	1015.9	900.0	15.3	14.3	58.9	8.6	-7.3	-4.4	297.3	327.6	11.5	93.7	0.5	228.
2.2	18.6	1254.4	875.0	13.0	12.0	61.5	9.5	-8.3	-4.5	297.3	324.3	10.2	94.0	1.3	238.
3.3	21.1	1458.2	850.0	12.4	11.5	67.8	7.6	-7.0	-2.9	299.2	326.4	10.1	94.2	1.9	238.
4.4	23.6	1748.5	825.0	10.9	8.1	66.1	9.4	-8.6	-3.8	300.2	322.7	8.3	82.9	2.3	238.
5.2	26.2	2006.3	800.0	12.1	5.8	75.0	8.6	-8.3	-2.2	304.0	324.2	7.3	65.4	2.3	240.
6.1	23.7	2271.8	775.0	10.2	3.1	99.9	4.9	-4.8	0.8	304.7	322.2	6.2	61.5	3.1	242.
7.2	31.3	2544.8	750.0	9.5	1.1	148.9	3.6	-1.9	3.1	307.2	323.1	5.5	54.5	3.2	246.
8.2	33.9	2527.0	725.0	8.8	3.4	174.0	3.2	-0.3	3.2	309.1	328.5	6.8	34.8	3.3	250.
9.2	36.6	3117.0	700.0	7.1	-7.9	224.7	3.7	2.6	2.6	310.3	319.8	3.1	34.3	3.1	252.
10.3	39.3	3415.4	675.0	5.9	-11.9	212.0	5.9	4.6	3.5	312.2	319.3	2.3	26.5	2.8	254.
11.4	42.1	3723.1	650.0	3.7	-10.8	248.9	6.7	5.0	3.3	313.2	321.1	2.6	33.5	2.4	258.
12.6	44.9	4040.7	625.0	2.0	-9.2	231.9	5.8	4.8	3.3	314.7	324.1	3.1	43.3	2.1	261.
13.7	47.8	4368.3	600.0	-1.0	-8.3	228.9	6.2	4.7	4.0	315.0	325.4	3.4	57.4	1.7	268.
14.9	50.8	4706.6	575.0	-4.1	-11.6	228.9	7.1	5.3	4.7	315.2	323.7	2.7	55.8	1.4	280.
16.1	53.8	5055.6	550.0	-7.1	-14.9	233.7	8.8	7.1	5.2	315.7	322.5	2.2	53.4	1.1	303.
17.4	56.9	5416.9	525.0	-9.2	-21.9	237.5	11.5	9.7	6.2	317.2	321.4	1.3	34.8	1.1	348.
19.8	59.9	5792.8	500.0	-10.8	-33.8	238.6	13.6	11.6	7.1	319.5	321.4	0.4	12.9	1.7	21.
20.1	63.1	6185.5	475.0	-13.3	-25.0	230.3	15.7	12.1	10.1	321.5	325.1	1.1	36.5	2.7	35.
21.0	66.4	6595.1	450.0	-16.3	-24.6	224.5	16.6	11.6	11.8	322.8	326.6	1.1	48.3	3.6	38.
22.6	70.0	7022.6	425.0	-19.0	-23.3	228.6	15.8	11.9	10.5	324.4	329.1	1.4	68.9	5.2	40.
24.2	73.4	7471.0	400.0	-22.7	-29.9	244.0	14.3	12.8	6.3	325.5	328.2	0.8	51.5	6.5	43.
25.9	77.1	7940.8	375.0	-26.8	-33.9	257.6	14.4	14.1	3.1	326.1	328.1	0.6	50.9	7.8	43.
27.5	80.9	8435.9	350.0	-29.6	-38.5	251.6	19.4	18.4	6.1	328.8	330.2	0.4	41.5	9.3	53.
29.5	85.0	8959.3	325.0	-34.6	-42.2	245.6	24.7	22.5	10.2	329.0	330.0	0.3	45.3	11.8	56.
31.5	89.2	9314.6	300.0	-38.6	-58.8	241.7	32.2	29.4	15.3	330.9	331.1	0.0	9.8	15.2	58.
33.6	93.5	10107.2	275.0	-42.5	99.9	235.1	40.3	33.0	23.1	333.7	999.9	99.9	999.9	19.6	58.
35.6	98.0	10743.9	250.0	-47.1	99.9	236.7	41.3	34.5	22.7	336.1	999.9	99.9	999.9	24.9	57.
38.1	103.0	11434.0	225.0	-51.9	99.9	244.2	41.2	37.1	18.0	339.0	999.9	99.9	999.9	31.1	58.
40.9	108.2	12188.9	200.0	-56.7	99.9	250.3	38.1	35.9	12.8	343.0	999.9	99.9	999.9	37.5	60.
43.9	114.0	13026.0	175.0	-60.6	99.9	255.4	33.7	32.6	8.5	350.0	999.9	99.9	999.9	44.1	61.
46.6	120.3	13975.3	150.0	-65.5	99.9	247.5	30.3	28.0	11.6	357.4	999.9	99.9	999.9	49.9	63.
50.6	127.3	15094.4	125.0	-62.0	99.9	247.9	30.2	28.0	11.4	362.7	999.9	99.9	999.9	56.2	63.
55.1	135.3	16490.5	100.0	-58.3	99.9	999.9	99.9	99.9	99.9	415.2	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
 GAGE. CALADOMA

 20 MAY 1979
 2002 GMT

126 94. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT. T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE AZ KM	DG
0.0	13.3	678.0	935.1	22.0	15.4	40.0	7.8	-4.5	-5.4	300.5	132.7	11.9	66.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	14.5	771.8	925.0	18.4	14.2	51.2	15.3	-11.9	-9.6	298.1	327.6	11.1	76.6	0.5	220.
1.4	16.9	1006.7	500.0	17.5	14.6	57.8	17.6	-14.9	-9.4	299.2	330.9	11.8	83.4	1.3	229.
2.3	19.3	1247.0	875.0	14.9	12.4	62.8	19.6	-17.4	-9.0	299.3	327.2	10.4	85.1	2.2	234.
3.0	21.8	1492.1	850.0	13.3	11.6	67.1	19.1	-17.6	-7.5	300.1	327.5	10.2	89.6	3.1	237.
3.9	24.3	1744.0	825.0	13.0	11.0	101.1	11.2	-11.0	2.2	302.3	329.9	10.1	88.3	4.1	240.
4.9	26.9	2002.9	800.0	12.4	5.9	121.1	7.4	-6.4	3.8	304.3	326.2	7.9	69.5	4.1	245.
5.8	29.5	2269.3	775.0	11.7	5.8	112.1	6.5	-6.0	2.4	306.4	327.4	7.5	67.1	4.5	248.
6.8	32.0	2543.7	750.0	11.6	2.5	177.9	6.2	-0.2	6.2	309.1	326.8	6.1	53.7	4.6	251.
8.0	34.7	2827.7	725.0	10.7	-0.5	208.0	9.2	4.3	8.1	311.2	326.2	5.1	46.0	4.2	257.
9.0	37.3	3119.3	700.0	8.9	-3.4	211.3	10.3	5.3	8.8	312.4	325.0	4.3	41.5	3.9	264.
10.2	40.1	3419.1	675.0	6.2	-4.9	219.4	9.7	6.2	7.5	312.6	324.4	3.9	44.5	3.4	273.
11.4	42.9	3727.5	650.0	4.1	-3.0	224.1	6.3	5.8	6.0	313.6	327.7	4.7	59.7	3.0	282.
12.6	45.8	4044.9	625.0	1.0	-6.5	229.3	7.9	6.0	5.1	313.6	324.9	3.8	57.1	2.7	293.
13.7	48.6	4371.7	600.0	-1.9	-10.4	237.2	7.3	6.1	4.0	313.9	322.6	2.9	52.1	2.5	302.
14.7	51.6	4708.9	575.0	-4.3	-13.2	248.3	7.8	7.2	2.9	315.0	322.4	2.4	49.8	2.3	312.
16.0	54.6	5058.2	550.0	-5.8	-11.1	244.5	10.4	9.4	4.5	317.2	326.5	3.0	66.6	2.1	327.
17.3	57.7	5421.6	525.0	-8.3	-11.5	240.4	13.6	11.8	6.7	318.5	327.5	3.0	77.1	2.3	352.
18.6	60.9	5798.8	500.0	-10.0	-16.8	238.4	14.4	12.3	7.5	320.2	327.4	2.1	57.6	2.9	14.
19.9	64.1	6192.6	475.0	-12.6	-24.5	231.4	11.7	10.2	5.6	322.3	326.0	1.1	36.1	3.8	26.
21.4	67.4	6604.1	450.0	-15.1	-27.4	228.5	8.9	8.3	3.3	324.2	327.3	0.9	34.1	4.4	32.
22.7	70.9	7032.9	425.0	-18.6	-32.7	227.1	11.4	10.5	4.4	325.1	327.1	0.6	27.5	5.1	37.
24.0	74.4	7481.2	400.0	-22.9	-36.0	226.3	18.1	16.6	7.3	325.3	326.8	0.4	26.8	6.1	41.
25.9	78.2	7951.1	375.0	-25.9	-33.7	225.8	20.8	17.2	11.7	327.4	329.4	0.6	47.2	8.2	48.
27.5	82.0	8446.8	350.0	-30.3	-37.0	226.6	27.1	19.7	18.6	328.0	329.6	0.4	51.3	10.4	48.
29.3	86.0	8970.4	325.0	-33.2	99.9	226.9	33.4	24.4	22.8	331.8	329.9	99.9	999.9	13.9	48.
31.1	93.2	9527.1	300.0	-38.3	99.9	226.9	38.0	26.3	24.6	331.3	329.9	99.9	999.9	17.4	48.
33.1	94.5	10118.9	275.0	-43.1	99.9	227.4	44.1	32.5	29.8	332.6	329.9	99.9	999.9	22.5	48.
35.7	99.2	10754.4	250.0	-48.1	99.9	231.1	48.3	37.6	30.3	334.6	329.9	99.9	999.9	29.6	48.
38.5	104.0	11442.2	225.0	-52.3	99.9	236.3	52.0	43.3	28.9	338.4	329.9	99.9	999.9	37.8	49.
41.6	109.4	12196.9	200.0	-56.8	99.9	238.9	51.1	43.7	26.3	342.9	329.9	99.9	999.9	47.9	51.
44.8	115.2	13035.7	175.0	-60.7	99.9	237.6	42.8	36.1	22.9	349.7	329.9	99.9	999.9	56.2	52.
48.4	121.3	13955.8	150.0	-64.9	99.9	236.1	37.8	31.4	21.1	355.3	329.9	99.9	999.9	64.9	52.
52.6	129.3	15103.1	125.0	-62.9	99.9	241.5	34.4	30.2	16.4	381.1	329.9	99.9	999.9	72.6	54.
57.7	136.0	16488.2	100.0	-59.6	99.9	99.9	99.9	99.9	99.9	412.7	329.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
 GAGE, OKLAHOMA

 20 MAY 1979
 2306 GMT

122 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	678.0	935.4	18.3	15.2	40.0	6.0	-3.9	-4.6	297.1	328.0	11.7	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.4	13.1	774.2	925.0	18.4	16.1	44.4	15.9	-11.1	-11.4	298.1	331.3	12.5	86.5	0.7	216.
1.4	15.5	1008.4	900.0	15.1	14.3	59.3	7.2	-6.2	-3.7	297.0	327.4	11.5	95.2	1.1	223.
2.3	17.9	1247.2	875.0	13.7	13.0	59.3	11.8	-10.2	-5.9	298.1	326.6	10.9	95.4	1.6	226.
3.1	20.3	1491.8	850.0	12.5	11.8	76.8	10.9	-10.6	-2.5	299.3	325.9	10.3	95.3	2.2	232.
4.0	22.7	1742.4	825.0	10.9	10.2	85.5	10.8	-10.7	-0.8	300.1	325.9	9.5	95.2	2.7	238.
4.9	25.2	1995.6	800.0	10.3	9.5	89.6	9.8	-9.8	-0.1	302.1	327.0	9.4	95.1	3.2	243.
5.8	27.7	2264.1	775.0	9.3	8.8	97.2	8.4	-8.3	1.0	303.8	328.2	8.1	84.4	3.7	247.
6.7	30.2	2535.5	750.0	7.7	2.7	85.5	3.8	-3.8	-0.3	305.0	328.6	6.2	70.7	3.9	250.
7.8	32.9	2815.5	725.0	7.9	-0.7	304.9	2.7	2.2	-1.5	308.1	322.7	5.0	54.7	4.0	249.
8.9	35.4	3104.9	700.0	7.0	-5.5	232.7	4.9	3.9	2.9	310.3	321.1	3.6	40.3	3.8	250.
9.9	38.1	3402.8	675.0	5.2	-6.2	219.7	6.2	4.0	4.8	311.5	322.2	3.6	43.4	3.4	252.
11.1	40.9	3709.6	650.0	2.3	-7.1	213.5	6.1	3.4	5.1	311.5	321.9	3.5	50.1	3.1	257.
12.3	43.7	4025.5	625.0	0.3	-5.3	224.6	5.9	4.1	4.2	312.8	325.1	4.1	66.3	2.7	264.
13.6	46.4	4351.8	600.0	-2.1	-8.8	244.8	5.5	3.1	1.5	313.7	323.9	3.3	60.8	2.4	268.
14.7	49.4	4688.2	575.0	-5.0	-10.5	258.4	4.5	4.4	0.9	314.1	323.3	3.0	65.8	2.2	269.
16.0	52.3	5037.0	550.0	-6.9	-9.5	250.7	7.2	6.8	2.4	315.5	325.5	3.5	83.0	1.8	272.
17.3	55.4	5398.2	525.0	-9.6	-11.3	238.9	11.8	10.1	6.1	316.9	326.3	3.1	87.3	1.2	289.
18.4	58.4	5773.8	500.0	-12.0	-15.8	243.3	12.9	11.5	5.9	318.5	325.5	2.2	73.2	0.9	339.
19.8	61.6	6165.7	475.0	-13.5	-19.2	237.6	11.7	9.9	6.3	321.3	327.0	1.8	61.5	1.4	22.
21.1	64.9	6574.3	450.0	-17.5	-22.2	227.6	14.7	10.9	9.9	321.2	325.9	1.4	66.6	2.3	34.
23.0	68.3	7000.8	425.0	-19.9	-24.7	216.6	21.5	12.8	17.3	323.4	327.5	1.2	65.4	4.3	38.
24.8	71.7	7448.3	400.0	-21.7	-27.8	207.0	25.7	11.7	22.9	326.8	330.1	1.0	57.7	6.9	35.
26.7	75.3	7920.2	375.0	-25.6	-33.1	214.5	23.2	13.1	19.1	327.6	330.0	0.6	48.9	9.8	33.
28.5	79.0	8418.0	350.0	-28.5	-36.5	223.4	26.0	17.9	18.9	330.3	332.0	0.5	46.0	12.2	34.
30.0	82.9	8944.0	325.0	-33.0	-40.7	228.2	34.3	25.6	22.8	331.2	332.4	0.3	45.8	15.0	37.
32.0	87.0	9500.8	300.0	-38.1	-46.5	230.1	37.5	28.8	24.1	331.7	332.4	0.2	40.3	19.1	40.
34.0	91.2	10094.1	275.0	-42.7	-49.9	221.3	42.8	28.2	32.1	333.1	332.4	99.9	999.9	23.9	41.
36.2	95.7	10729.5	250.0	-48.4	-55.9	220.1	48.2	31.0	36.9	334.1	332.4	99.9	999.9	29.8	41.
38.6	100.5	11415.8	225.0	-52.5	-59.9	219.1	52.3	33.0	40.6	338.0	332.4	99.9	999.9	37.3	41.
41.4	105.6	12169.5	200.0	-57.8	-64.9	218.1	54.0	33.3	42.5	341.2	332.4	99.9	999.9	46.0	40.
44.3	111.3	13001.2	175.0	-63.2	-69.9	219.2	50.2	31.8	38.9	345.6	332.4	99.9	999.9	55.6	40.
47.3	117.2	13944.0	150.0	-66.3	-73.9	230.1	33.2	25.5	21.3	356.0	332.4	99.9	999.9	62.4	40.
51.2	123.7	15043.6	125.0	-66.6	-73.9	254.3	33.6	32.3	9.1	374.5	332.4	99.9	999.9	70.4	43.
56.3	131.3	16419.0	100.0	-81.6	-89.9	999.9	99.9	99.9	99.9	408.7	332.4	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
GAGE, OKLAHOMA
21 MAY 1979
285 GMT

36 598. 0

TIME MIN	CNTCT	HEIGHT GPR	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED N/SEC	U COMP N/SEC	V COMP N/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	678.0	936.2	16.4	15.3	60.0	3.0	-2.6	-1.5	295.1	325.8	11.8	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	13.4	781.2	925.0	17.2	15.9	99.9	99.9	99.9	99.9	296.5	329.7	12.4	92.1	999.9	999.9
1.3	15.8	1014.9	900.0	15.0	13.6	99.9	99.9	99.9	99.9	296.5	326.0	11.0	91.6	999.9	999.9
2.3	18.2	1253.6	875.0	14.0	12.8	99.9	99.9	99.9	99.9	298.3	326.9	10.7	93.1	1.9	229.
3.8	20.6	1498.5	850.0	12.7	12.0	67.4	12.2	-11.2	-4.7	299.5	327.6	10.5	95.4	3.2	234.
5.4	23.0	1749.6	825.0	12.1	11.4	84.7	13.7	-13.7	-1.3	301.4	329.5	10.4	95.4	4.2	240.
6.6	25.5	2008.0	800.0	11.0	10.3	87.6	11.6	-11.5	-0.5	302.9	329.9	9.9	95.2	5.3	245.
7.8	28.0	2273.0	775.0	9.7	9.0	102.2	9.2	-8.9	1.9	304.3	330.0	9.3	95.0	5.8	248.
8.8	30.5	2545.7	750.0	8.5	7.8	101.8	7.8	-7.6	1.6	305.9	330.6	8.9	94.9	6.2	251.
9.8	33.1	2825.8	725.0	6.9	6.2	81.6	5.0	-4.9	-0.7	307.6	330.1	8.2	95.3	6.6	252.
11.5	35.8	3113.6	700.0	4.5	3.7	80.4	3.3	-3.2	-0.5	307.5	327.7	7.1	94.2	6.9	252.
13.2	39.4	3405.7	675.0	2.7	1.9	52.8	2.3	-1.8	-1.4	308.7	327.4	6.5	94.1	7.2	253.
15.0	41.2	3714.6	650.0	0.7	-0.1	336.2	3.0	1.2	-2.7	309.8	326.8	5.9	94.3	7.3	251.
17.0	44.0	4029.8	625.0	-0.0	-0.7	999.9	99.9	99.9	99.9	312.5	329.5	5.8	94.6	7.1	248.
19.6	46.8	4356.3	600.0	-2.1	-3.0	999.9	99.9	99.9	99.9	313.7	328.8	5.1	93.4	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
 GAGE, OPLANDMA

 21 MAY 1979
 520 GMT

51 489. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	678.0	937.2	14.5	14.9	80.0	3.0	-3.0	-0.5	295.1	325.0	11.4	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	13.6	780.9	925.0	15.8	13.9	71.5	11.9	-11.3	-3.5	295.4	324.1	10.9	88.8	0.5	231.
1.5	16.1	1021.9	900.0	13.3	12.4	80.5	10.3	-10.1	-1.7	295.2	321.9	10.1	93.9	1.0	245.
2.4	18.6	1259.6	875.0	12.5	11.6	80.3	13.1	-12.9	-2.2	296.7	323.0	9.9	94.3	1.6	250.
3.4	21.1	1502.7	850.0	11.1	10.2	90.4	13.0	-13.0	0.1	297.8	323.5	9.2	94.1	2.4	254.
4.4	23.6	1752.8	825.0	10.7	9.8	101.1	11.7	-11.5	2.2	299.9	325.1	9.3	94.2	3.1	260.
5.5	26.1	2008.9	800.0	8.4	6.0	108.4	10.7	-10.2	3.4	300.2	325.5	7.8	89.4	3.8	264.
6.7	28.7	2271.5	775.0	7.6	6.0	100.0	11.4	-11.3	2.0	302.0	322.9	7.6	89.3	4.5	268.
7.9	31.3	2541.5	750.0	5.6	4.0	91.8	10.8	-10.0	0.3	302.6	321.6	6.8	89.7	5.3	269.
9.1	33.9	2818.9	725.0	4.4	3.1	95.9	8.2	-8.1	0.8	304.3	322.0	6.6	91.2	6.0	270.
10.3	36.7	3104.7	700.0	3.3	1.9	89.4	3.1	-3.1	-0.0	306.2	324.0	6.3	90.4	6.4	270.
11.7	39.6	3399.3	675.0	1.4	0.4	74.5	1.5	-1.5	-0.4	307.3	325.0	5.9	92.6	6.6	270.
13.1	42.3	3703.0	650.0	0.1	-0.9	29.6	1.9	-0.9	-1.7	309.1	325.1	5.5	92.6	6.7	269.
15.0	45.2	4016.9	625.0	-1.8	-3.0	29.3	4.7	-2.3	-4.1	310.4	324.8	4.9	91.4	6.8	267.
17.1	48.1	4341.8	600.0	-3.0	-4.4	14.7	4.7	-1.2	-4.6	312.7	326.4	4.6	90.2	7.2	262.
19.3	51.1	4678.1	575.0	-5.1	-6.6	6.7	3.7	-0.4	-3.7	314.0	326.2	4.1	89.2	7.3	258.
21.4	54.2	5027.2	550.0	-6.8	-8.5	357.4	3.6	0.2	-3.6	316.0	327.2	3.7	88.1	7.5	255.
24.2	57.3	5389.1	525.0	-8.9	-10.8	310.3	3.1	2.4	-2.0	317.6	327.6	3.2	85.8	7.3	251.
27.2	60.6	5766.1	500.0	-11.0	-13.1	999.9	99.9	99.9	99.9	319.7	328.4	2.8	84.2	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
CAGE, OKLAHOMA

21 MAY 1979
014 GMT

127 92. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	678.0	935.1	15.0	15.2	60.0	4.0	-3.5	-2.0	294.2	325.4	11.7	95.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	13.5	770.7	925.0	15.6	14.6	99.9	99.9	99.9	99.9	295.2	325.2	11.5	94.2	999.9	999.9
1.0	16.0	1002.8	900.0	13.5	12.4	99.9	99.9	99.9	99.9	295.4	322.1	10.1	93.0	999.9	999.9
1.6	18.4	1239.8	875.0	11.1	10.1	99.9	99.9	99.9	99.9	295.4	319.0	8.9	93.1	999.9	999.9
2.5	23.9	1482.1	850.0	10.8	9.7	99.9	99.9	99.9	99.9	297.2	321.5	9.0	93.1	2.1	246.
3.3	23.4	1732.3	825.0	11.5	10.5	100.0	16.6	-16.4	2.9	300.2	327.2	9.8	93.5	2.9	256.
4.1	26.0	1989.7	800.0	10.6	9.6	102.0	12.7	-12.4	2.7	302.5	328.3	9.5	93.5	3.7	261.
5.0	24.5	2254.3	775.0	8.9	7.8	102.5	10.3	-10.0	2.2	303.4	327.1	8.6	92.9	4.2	264.
5.9	31.1	2525.5	750.0	7.1	4.7	98.6	8.9	-8.7	1.4	304.3	324.4	7.2	84.7	4.7	266.
6.9	33.9	2804.2	725.0	5.7	3.3	91.2	8.1	-8.1	0.2	305.7	324.6	6.7	84.4	5.2	267.
7.9	36.4	3091.6	700.0	4.7	1.7	84.2	6.1	-6.1	-0.6	307.7	325.5	6.2	80.9	5.6	267.
9.0	39.2	3387.8	675.0	3.1	0.6	85.5	4.6	-4.6	-0.4	309.2	326.2	5.9	83.2	6.0	267.
10.2	42.0	3682.8	650.0	0.6	-0.6	86.6	2.8	-2.8	-0.2	309.7	326.0	5.6	91.5	6.2	266.
11.3	44.9	4007.3	625.0	-0.0	-1.1	116.0	1.2	-1.1	0.5	312.4	329.0	5.7	92.4	6.4	267.
12.5	47.7	4334.0	600.0	-1.9	-3.0	237.8	2.2	1.8	1.2	313.9	329.2	5.1	92.3	6.3	267.
13.7	50.6	4671.6	575.0	-4.3	-5.5	257.2	3.2	3.1	0.7	314.9	328.2	4.4	91.8	6.1	267.
14.9	53.6	5020.2	550.0	-7.7	-8.9	227.0	3.1	2.3	2.1	314.5	325.7	3.6	91.3	5.9	268.
15.9	56.8	5381.0	525.0	-10.0	-15.7	218.5	5.5	3.4	4.3	316.4	323.2	2.2	63.2	5.8	270.
17.1	59.9	5755.7	500.0	-12.1	-21.7	227.6	9.1	6.7	6.1	318.2	322.7	1.3	44.7	5.4	274.
18.4	63.1	6145.8	475.0	-14.8	-39.1	222.6	14.1	9.5	10.3	319.7	320.6	0.3	10.5	4.8	281.
19.5	66.5	6523.4	450.0	-17.1	-37.6	220.1	18.2	11.7	13.9	321.6	323.0	0.3	14.7	4.4	294.
20.9	70.0	6979.6	425.0	-20.2	-26.6	219.8	18.6	11.9	14.3	323.1	326.6	1.0	56.3	4.2	315.
22.1	73.5	7427.3	400.0	-22.4	-26.5	205.7	15.1	6.5	13.6	325.9	329.6	1.1	68.8	4.6	329.
23.4	77.2	7898.1	375.0	-25.1	-30.0	184.5	10.6	0.8	10.5	327.1	330.0	0.8	69.3	5.4	338.
24.9	81.0	8392.9	350.0	-30.8	-35.5	155.9	6.9	-2.8	6.3	327.3	329.1	0.5	62.8	6.0	339.
26.9	85.0	8915.5	325.0	-34.6	-40.1	149.6	7.2	-3.7	6.2	329.0	330.2	0.3	56.8	6.8	338.
29.0	89.2	9470.5	300.0	-38.2	-44.0	162.2	11.1	-3.4	10.6	331.6	332.5	0.3	54.0	7.9	338.
31.1	93.5	10962.7	275.0	-43.5	-49.9	169.6	19.0	-3.5	18.7	332.3	339.9	99.9	999.9	9.7	340.
33.3	98.2	10566.5	250.0	-49.0	-59.9	173.5	25.4	-2.9	25.2	333.2	339.9	99.9	999.9	12.5	342.
35.5	103.0	11379.4	225.0	-54.0	-69.9	180.9	30.2	0.5	30.2	335.7	339.9	99.9	999.9	16.2	346.
38.1	108.3	12244.6	200.0	-60.4	-69.9	200.7	34.2	12.1	32.0	337.2	339.9	99.9	999.9	21.1	351.
41.7	114.0	12955.3	175.0	-60.6	-69.9	214.0	40.7	22.8	33.7	349.9	339.9	99.9	999.9	27.5	1.
45.8	120.3	13917.2	150.0	-57.9	-69.9	223.2	46.7	32.0	34.1	370.3	339.9	99.9	999.9	34.8	11.
49.5	127.3	15061.4	125.0	-60.8	-69.9	204.6	101.6	42.4	92.3	384.9	339.9	99.9	999.9	45.1	16.
51.4	135.0	16455.0	100.0	-58.9	-69.9	99.9	99.9	99.9	99.9	414.0	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
GAGE, OKLAHOMA21 MAY 1979
1130 GMT

125 88. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	678.0	936.5	13.5	13.2	40.0	3.0	-1.9	-2.3	292.1	318.7	10.3	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	14.4	782.3	925.0	12.9	11.9	999.9	99.9	99.9	99.9	292.5	317.4	9.5	93.6	999.9	999.9
1.2	16.8	1013.2	900.0	13.0	12.1	999.9	99.9	99.9	99.9	295.0	321.1	9.9	93.9	999.9	999.9
2.3	19.2	1250.4	875.0	12.5	11.5	999.9	99.9	99.9	99.9	296.8	322.9	9.8	93.9	1.3	231.
3.5	21.6	1494.2	850.0	11.6	10.7	98.6	13.0	-13.0	-0.3	298.3	324.1	9.6	94.2	2.2	245.
4.6	24.0	1744.3	825.0	11.2	10.3	98.4	10.4	-10.3	1.5	300.4	326.4	9.6	94.3	2.9	252.
5.5	26.5	2001.7	800.0	10.0	9.1	104.3	8.0	-7.8	2.0	301.8	326.8	9.2	94.5	3.4	256.
6.5	29.0	2265.5	775.0	8.8	7.9	105.7	8.9	-8.6	2.4	303.3	327.2	8.7	94.3	3.8	259.
7.4	31.6	2536.5	750.0	6.0	5.1	120.4	4.6	-4.0	2.3	303.1	323.5	7.4	94.1	4.1	263.
8.5	34.2	2814.0	725.0	4.0	3.2	124.2	5.9	-4.9	3.3	303.9	322.5	6.7	94.0	4.3	265.
9.4	36.8	3099.4	700.0	3.5	2.7	118.7	6.1	-5.4	2.9	306.4	325.2	6.7	94.1	4.7	268.
10.6	39.5	3394.4	675.0	1.3	-0.2	126.7	4.2	-3.4	2.5	307.1	323.2	5.6	89.6	5.0	270.
11.6	42.2	3697.5	650.0	-0.4	-1.6	132.1	3.6	-2.7	2.4	308.5	323.7	5.3	92.0	5.2	272.
12.7	45.0	4010.9	625.0	-1.9	-3.3	143.0	2.6	-1.6	2.1	310.2	324.3	4.8	90.2	5.3	273.
13.9	47.9	4336.8	600.0	-2.5	-3.5	138.8	2.5	-1.6	1.9	313.2	327.8	4.9	93.2	5.4	275.
14.9	50.8	4673.4	575.0	-5.6	-6.6	130.4	2.7	-2.1	1.8	313.5	325.7	4.1	92.3	5.5	276.
16.2	53.8	5020.6	550.0	-8.5	-9.6	136.6	2.2	-1.5	1.6	314.0	324.2	3.4	91.7	5.7	277.
17.7	56.8	5380.2	525.0	-11.3	-13.9	180.2	2.2	0.0	2.2	314.8	322.5	2.5	81.1	5.8	278.
19.1	59.9	5753.5	500.0	-13.1	-15.9	227.7	5.5	4.1	3.7	317.1	325.3	2.6	93.9	5.7	281.
20.5	63.0	6143.6	475.0	-14.4	-16.7	233.2	8.6	6.8	5.1	320.1	327.1	2.2	83.0	5.3	285.
21.9	66.3	6550.1	450.0	-19.1	-23.6	240.2	11.1	9.6	5.5	319.2	322.3	0.9	49.8	4.7	294.
23.4	69.7	6973.7	425.0	-21.0	-26.9	241.4	9.8	8.6	4.7	322.1	326.6	1.3	79.3	4.2	304.
25.0	73.1	7417.1	400.0	-25.6	-29.9	236.0	7.7	6.4	4.3	321.7	999.9	99.9	999.9	3.9	315.
26.6	76.7	7882.3	375.0	-28.5	-32.0	231.5	5.9	4.6	3.7	323.5	999.9	99.9	999.9	3.9	324.
28.5	80.4	8373.2	350.0	-32.0	-35.6	185.1	8.1	0.7	8.1	325.7	999.9	99.9	999.9	4.2	333.
29.9	84.3	8933.0	325.0	-35.6	-39.9	157.4	9.1	-3.5	8.4	327.7	999.9	99.9	999.9	4.9	335.
31.6	88.3	9443.9	300.0	-40.6	-43.6	161.0	9.0	-2.9	8.6	328.1	999.9	99.9	999.9	5.9	334.
33.4	92.7	10030.1	275.0	-45.3	-48.3	194.8	16.3	4.2	15.8	329.7	999.9	99.9	999.9	6.9	339.
35.2	97.2	10659.2	250.0	-50.2	-53.2	208.2	26.5	12.5	23.3	331.4	999.9	99.9	999.9	8.6	349.
37.2	102.0	11340.0	225.0	-54.5	-57.5	215.6	39.1	22.8	31.8	335.0	999.9	99.9	999.9	12.0	4.
39.3	107.0	12083.9	200.0	-60.4	-63.4	218.2	41.3	23.6	32.5	337.0	999.9	99.9	999.9	16.6	13.
43.8	112.7	12914.7	175.0	-60.8	-63.8	233.7	35.9	28.9	21.3	349.6	999.9	99.9	999.9	26.6	26.
48.7	118.7	13884.9	150.0	-57.2	-60.2	253.9	17.6	16.9	4.9	371.5	999.9	99.9	999.9	32.7	34.
54.2	125.3	15027.0	125.0	-60.5	-63.5	250.4	16.8	15.8	5.7	385.6	999.9	99.9	999.9	36.6	38.
60.4	133.0	16507.2	100.0	-62.3	-65.3	999.9	99.9	99.9	99.9	407.4	999.9	99.9	999.9	42.3	44.
99.9	99.9	99.9	75.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
HEALDTON, OKLAHOMA

20 MAY 1979
1106 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	291.0	975.1	21.3	16.5	180.0	3.0	0.0	3.0	296.6	332.9	13.9	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.0	9.1	291.9	975.0	21.3	18.5	180.4	3.1	0.0	3.1	296.6	333.0	13.9	84.0	0.0	360.
0.6	11.4	518.5	950.0	21.6	19.6	216.8	13.8	8.3	11.1	299.1	339.5	15.4	88.7	0.3	354.
1.5	13.8	750.5	925.0	21.1	19.3	224.2	16.3	11.4	11.7	300.9	341.9	15.5	89.6	1.0	27.
2.5	16.2	988.7	900.0	21.2	18.3	246.9	18.1	16.7	7.1	303.4	343.5	15.0	84.0	2.0	41.
3.4	18.5	1234.1	875.0	22.2	14.8	256.8	16.0	15.6	3.7	306.8	346.5	12.2	63.1	2.9	53.
4.4	21.0	1486.3	850.0	21.3	13.4	259.4	12.6	12.4	2.3	308.2	348.2	11.4	60.5	3.6	58.
5.4	23.4	1743.0	825.0	19.5	11.9	257.8	10.6	10.3	2.2	309.2	350.1	10.7	61.4	4.2	61.
6.3	25.9	2009.2	800.0	17.1	9.6	257.5	11.0	10.8	2.4	309.4	351.9	9.4	61.0	4.8	63.
7.3	28.5	2279.9	775.0	15.1	9.1	250.4	8.6	8.1	2.9	310.1	356.7	9.4	67.2	5.4	65.
8.3	31.1	2557.6	750.0	13.4	6.0	234.9	5.2	4.3	3.0	311.2	353.6	7.9	60.7	5.8	65.
9.3	33.7	2842.5	725.0	11.2	4.5	232.0	6.2	4.9	3.8	311.8	352.8	7.3	63.1	6.1	64.
10.3	36.3	3134.9	700.0	9.2	2.4	239.9	7.7	6.7	3.9	312.7	351.7	6.5	62.3	6.5	64.
11.3	39.1	3435.4	675.0	6.9	-0.1	243.1	7.6	6.7	3.4	313.4	350.0	5.6	60.9	7.0	63.
12.5	41.9	3744.7	650.0	4.7	-5.4	250.4	8.1	7.7	2.7	314.3	326.2	4.0	47.9	7.5	64.
13.5	44.7	4063.4	625.0	2.3	-8.5	261.6	7.2	7.1	1.0	315.1	324.9	3.2	44.8	8.0	64.
14.6	47.6	4391.5	600.0	-0.5	-14.6	268.5	6.8	6.7	0.2	315.5	322.0	2.0	33.3	8.4	65.
15.7	50.6	4729.8	575.0	-3.7	-14.4	263.4	6.9	6.8	0.8	315.7	323.5	2.2	42.8	8.8	67.
16.9	53.5	5079.3	550.0	-6.1	-14.6	253.3	9.7	9.3	2.8	316.5	323.9	2.3	51.4	9.4	67.
18.2	56.6	5441.9	525.0	-8.3	-15.1	249.9	14.6	13.8	5.0	318.5	325.7	2.3	58.0	10.3	67.
19.5	59.8	5820.4	500.0	-9.5	-15.2	250.5	16.7	15.8	5.6	321.4	329.0	2.4	63.4	11.6	68.
20.9	62.9	6215.0	475.0	-12.2	-17.3	247.0	13.0	12.0	5.1	322.9	329.6	2.1	65.1	12.9	68.
22.5	66.3	6626.2	450.0	-15.1	-32.6	248.8	12.6	11.8	4.6	324.3	326.2	0.6	21.3	14.0	68.
24.1	69.7	7056.9	425.0	-17.2	-38.4	263.4	13.5	13.4	1.6	327.0	326.1	0.3	13.7	15.3	68.
25.6	73.1	7508.2	400.0	-20.8	-40.4	268.4	11.1	11.1	0.3	328.0	325.0	0.3	15.2	16.4	70.
27.4	76.9	7982.0	375.0	-24.5	-40.2	256.0	11.5	11.2	2.8	329.2	330.3	0.3	21.5	17.4	71.
29.1	83.7	8481.3	350.0	-27.5	-32.6	258.9	17.5	17.1	3.4	331.7	334.2	0.7	61.9	18.9	71.
31.1	84.7	9010.3	325.0	-31.8	-38.5	263.2	24.1	23.9	2.8	332.9	334.4	0.4	51.2	21.3	72.
33.1	89.8	9570.3	300.0	-36.3	-40.8	258.6	30.7	30.1	6.1	334.2	335.5	0.4	63.1	24.6	74.
35.8	93.2	10168.5	275.0	-41.1	99.9	254.9	35.7	34.5	9.3	335.7	339.9	99.9	999.9	29.9	74.
38.4	97.3	10910.2	250.0	-45.1	99.9	260.6	35.5	35.0	5.8	339.1	339.9	99.9	999.9	35.7	74.
41.1	102.8	11507.7	225.0	-49.5	99.9	265.9	33.3	33.3	2.4	342.7	339.9	99.9	999.9	41.1	76.
43.7	108.0	12269.4	200.0	-55.7	99.9	265.5	31.3	31.2	2.5	344.5	339.9	99.9	999.9	46.1	77.
46.6	113.7	13106.6	175.0	-62.2	99.9	269.3	26.4	26.4	0.3	347.3	339.9	99.9	999.9	50.9	78.
50.1	120.0	14042.3	150.0	-69.1	99.9	268.3	27.0	27.0	0.8	351.1	339.9	99.9	999.9	56.1	79.
54.5	127.3	15134.8	125.0	-66.3	99.9	262.5	31.8	31.6	4.1	375.0	339.9	99.9	999.9	63.7	80.
58.0	135.3	16500.4	100.0	-64.9	99.9	999.9	99.9	99.9	99.9	402.3	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
 HEALDTON, OKLAHOMA

 20 MAY 1979
 1407 GMT

138 79. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RM PCT	RANGE KM	AZ DG
0.0	8.6	291.0	976.8	24.9	19.1	180.0	3.0	0.0	3.0	300.1	338.2	14.4	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	8.8	307.2	975.0	24.7	19.3	197.4	3.9	1.2	3.7	300.0	338.7	14.6	71.9	0.0	4.
0.9	11.2	535.0	950.0	22.2	19.9	216.7	6.1	4.8	6.5	299.7	340.9	15.6	86.8	0.2	30.
1.0	13.6	707.2	925.0	20.9	19.3	234.1	11.5	9.3	6.7	300.7	341.6	15.5	90.8	0.6	36.
2.4	16.1	1005.3	900.0	20.9	19.0	261.0	14.0	13.9	2.2	303.0	344.6	15.6	88.9	1.2	53.
3.3	18.6	1250.1	875.0	20.5	16.7	271.7	16.0	16.0	-0.5	305.1	342.7	13.9	79.2	1.9	68.
4.2	21.2	1500.9	850.0	20.0	11.9	275.1	13.8	13.7	-1.2	307.1	335.9	10.4	59.8	2.7	76.
5.0	23.7	1756.4	825.0	18.9	11.8	274.2	11.6	11.6	-0.8	308.6	338.3	10.7	63.7	3.3	79.
5.9	26.2	2022.5	800.0	17.1	9.5	284.7	9.3	9.0	-2.4	309.4	335.8	9.4	60.8	3.8	82.
6.9	28.8	2292.8	775.0	14.8	8.4	284.8	7.8	7.6	-2.0	309.7	335.2	9.0	65.6	4.2	85.
7.9	31.5	2569.9	750.0	12.7	7.7	289.9	6.4	6.4	0.0	310.4	335.4	8.8	71.5	4.7	86.
8.8	34.1	2854.0	725.0	10.6	6.9	299.9	5.4	5.0	1.8	311.1	335.7	8.7	77.9	5.0	86.
9.9	36.9	3145.9	700.0	8.2	4.2	240.1	5.5	4.8	2.7	311.4	332.9	7.4	76.0	5.3	84.
10.8	39.7	3435.8	675.0	6.1	-0.6	238.5	6.1	5.7	2.2	312.5	328.4	5.4	62.0	5.6	83.
11.8	42.5	3754.2	650.0	3.8	-4.4	253.5	5.3	5.1	1.5	313.3	326.1	4.3	55.0	5.9	82.
13.0	45.4	4072.0	625.0	2.0	-11.0	244.2	4.8	4.3	2.1	314.7	322.9	2.6	37.5	6.3	82.
14.1	48.4	4400.2	600.0	-0.5	-9.1	241.2	6.2	5.4	3.0	315.5	325.3	3.2	52.1	6.6	81.
15.3	51.4	4738.9	575.0	-3.3	-10.3	238.3	7.7	7.2	2.9	316.2	325.6	3.1	58.4	7.1	80.
16.5	54.5	5089.4	550.0	-5.4	-14.3	256.5	10.2	9.9	2.4	317.7	324.9	2.3	49.4	7.7	79.
17.6	57.6	5453.0	525.0	-7.9	-12.6	254.0	13.2	12.7	3.6	318.9	322.9	2.8	69.0	8.5	79.
18.9	60.9	5811.0	500.0	-10.1	-13.3	245.4	15.1	13.7	6.3	320.8	329.4	2.7	77.0	9.6	78.
20.3	64.1	6224.7	475.0	-12.4	-18.0	233.7	15.0	13.4	6.6	322.4	325.4	0.8	26.2	10.8	76.
21.7	67.6	6635.9	450.0	-14.5	-19.6	238.2	13.9	11.8	7.3	323.0	326.1	0.3	11.0	12.0	75.
23.2	71.0	7066.8	425.0	-17.4	-21.5	232.7	12.2	9.9	8.7	326.7	328.9	0.6	27.9	13.1	73.
24.7	74.6	7517.8	400.0	-21.5	-30.0	232.7	12.2	9.7	7.4	327.1	329.8	0.8	46.0	14.2	71.
26.5	78.3	7998.1	375.0	-25.3	-28.6	231.3	13.7	13.0	4.4	328.1	331.4	1.0	73.5	15.4	70.
28.1	82.2	8487.4	350.0	-29.1	-35.6	268.5	17.8	17.8	0.5	329.6	331.4	0.5	52.7	16.9	71.
29.8	86.2	9013.2	325.0	-32.8	-40.0	264.7	25.1	25.0	2.3	331.3	332.8	0.4	48.5	18.9	73.
31.6	90.5	9574.4	300.0	-35.5	-43.5	255.0	30.9	29.9	8.0	335.3	336.3	0.3	43.4	22.2	74.
33.9	95.0	10173.8	275.0	-40.8	99.9	250.5	29.9	28.2	10.0	336.1	999.9	99.9	999.9	26.2	74.
36.0	99.6	10816.5	250.0	-45.9	99.9	238.5	31.9	29.7	11.7	337.6	999.9	99.9	999.9	30.1	73.
38.1	104.6	11508.7	225.0	-51.4	99.9	232.4	37.2	35.5	11.3	339.7	999.9	99.9	999.9	34.4	73.
40.7	110.0	12243.3	200.0	-56.9	99.9	227.2	35.9	35.0	7.9	342.7	999.9	99.9	999.9	40.4	73.
43.8	115.8	13098.9	175.0	-62.1	99.9	259.4	31.5	31.0	5.8	347.5	999.9	99.9	999.9	46.4	74.
47.3	122.2	14040.7	150.0	-67.4	99.9	250.3	29.0	28.6	4.9	354.1	999.9	99.9	999.9	52.5	75.
51.0	129.3	15137.5	125.0	-64.8	99.9	255.3	31.3	31.2	2.6	377.5	999.9	99.9	999.9	59.2	75.
55.2	137.3	16505.9	100.0	-64.8	99.9	99.9	99.9	99.9	99.9	402.6	999.9	99.9	999.9	66.3	77.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
HEALDTCH. OKLAHOMA
20 MAY 1979
1705 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	291.0	976.8	29.0	18.4	190.0	4.0	0.7	3.9	304.2	341.6	13.8	53.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	9.3	307.5	975.0	28.9	18.7	195.0	4.3	1.1	4.2	304.2	342.3	14.1	54.3	0.0	2.
0.7	11.6	532.4	950.0	26.2	19.6	218.1	5.7	3.5	4.5	303.8	345.1	15.4	57.1	0.1	19.
1.5	14.0	773.5	925.0	24.0	19.7	221.1	6.4	4.2	4.8	303.9	346.3	15.8	76.7	0.4	34.
2.7	15.4	1013.4	900.0	21.8	18.3	236.8	6.8	5.7	3.8	304.0	344.2	14.9	80.5	0.9	40.
3.6	18.9	1258.0	875.0	19.9	16.7	260.5	6.0	5.9	1.0	304.4	341.9	13.8	82.0	1.2	47.
4.4	21.4	1508.5	850.0	19.1	14.4	306.7	5.0	4.0	-3.0	306.1	339.7	12.3	74.3	1.4	56.
5.3	23.9	1765.4	825.0	18.5	11.5	314.3	4.0	2.8	-2.8	308.2	337.3	10.4	63.8	1.4	65.
6.3	26.5	2025.2	800.0	16.9	9.8	271.1	3.1	3.1	-0.1	309.1	336.0	9.6	63.2	1.5	71.
7.3	29.1	2299.3	775.0	14.7	8.7	246.6	3.1	2.8	1.2	309.7	335.5	9.2	67.0	1.8	71.
8.4	31.7	2576.2	750.0	12.7	7.3	227.7	4.0	2.9	2.7	310.4	334.8	8.6	69.8	2.0	70.
9.4	34.4	2860.3	725.0	10.4	6.5	216.8	5.4	3.2	4.3	310.9	334.9	8.4	76.7	2.2	66.
10.4	37.1	3152.0	700.0	8.2	5.2	215.6	6.7	3.9	5.5	311.6	334.3	8.0	81.2	2.5	62.
11.5	39.8	3452.0	675.0	6.0	1.9	221.6	7.3	4.8	5.4	312.4	331.3	6.5	74.6	3.0	58.
12.6	42.5	3760.7	650.0	3.6	-1.0	228.5	6.9	5.2	4.6	313.0	329.2	5.5	72.0	3.4	56.
13.8	45.3	4072.5	625.0	1.9	-6.1	231.3	8.4	6.6	5.3	314.7	326.4	3.9	55.1	4.0	56.
15.0	48.3	4406.5	600.0	-0.7	-7.6	236.2	9.9	8.0	6.0	315.3	326.2	3.6	59.5	4.6	55.
16.2	51.2	4745.2	575.0	-3.4	-8.2	240.1	11.3	9.8	5.6	316.1	327.0	3.6	69.0	5.3	55.
17.4	54.3	5055.7	550.0	-5.4	-13.9	247.9	12.7	11.8	4.8	317.7	325.2	2.4	51.7	6.2	57.
18.6	57.4	5459.5	525.0	-7.8	-14.6	246.2	14.3	13.1	5.8	319.0	326.4	2.3	58.3	7.2	58.
20.0	60.5	5837.4	500.0	-10.3	-17.2	240.9	16.1	14.1	7.8	320.5	326.9	2.0	56.6	8.4	59.
21.4	63.8	6231.3	475.0	-12.3	-16.5	241.8	15.8	13.9	7.5	322.7	329.8	2.2	70.9	9.8	59.
23.0	67.1	6643.1	450.0	-14.3	-21.4	244.3	14.4	13.0	6.2	325.2	330.4	1.5	54.6	11.2	60.
24.4	70.6	7074.0	425.0	-17.7	-26.4	250.7	12.7	11.9	4.2	326.3	329.8	1.0	46.3	12.4	60.
26.1	74.1	7524.6	400.0	-21.0	-25.4	256.8	10.0	9.7	2.3	327.8	331.8	1.2	67.0	13.5	62.
27.8	77.8	7997.8	375.0	-25.1	-32.4	258.5	10.2	10.0	2.0	328.3	330.7	0.7	50.2	14.4	63.
29.4	81.6	8495.0	350.0	-29.4	-39.4	256.6	16.7	16.2	3.9	329.1	330.4	0.4	37.0	15.6	64.
31.5	85.6	9021.7	325.0	-31.4	-37.2	248.8	24.0	22.4	9.7	333.4	335.1	0.5	56.3	18.2	65.
33.5	89.8	9583.4	300.0	-35.6	-40.2	245.3	23.6	21.4	9.6	335.2	336.0	0.4	62.0	21.2	65.
35.7	94.2	10183.0	275.0	-40.3	99.9	245.4	25.8	23.4	10.7	336.2	99.9	99.9	99.9	24.2	65.
37.9	98.8	10825.3	250.0	-45.9	99.9	245.8	29.2	26.6	12.0	337.9	99.9	99.9	99.9	28.1	65.
40.4	103.6	11519.3	225.0	-51.0	99.9	250.3	29.1	27.4	9.8	340.4	99.9	99.9	99.9	32.4	65.
43.3	109.0	12274.6	200.0	-57.1	99.9	255.3	33.2	32.1	8.4	342.4	99.9	99.9	99.9	37.5	67.
46.3	114.7	13110.8	175.0	-61.8	99.9	257.7	32.2	31.5	6.9	347.8	99.9	99.9	99.9	43.7	68.
49.7	121.0	14053.4	150.0	-66.5	99.9	256.5	29.4	28.6	6.8	355.5	99.9	99.9	99.9	49.6	69.
53.8	128.0	15163.2	125.0	-83.9	99.9	258.3	30.8	30.2	6.3	379.2	99.9	99.9	99.9	57.1	70.
58.3	135.7	16533.5	100.0	-83.4	99.9	999.9	99.9	99.9	99.9	405.3	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
 HEALDTON, OKLAHOMA

 20 MAY 1979
 2005 GMT

132 89. 0

TIME MIN	CNTCT	WEIGHT GPN	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCY	RANGE KN	AZ DG
0.0	9.2	291.0	976.6	29.0	18.4	150.0	6.0	-3.0	5.2	304.4	341.9	13.9	53.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.8	11.6	518.9	950.0	27.0	20.0	151.6	11.7	-5.6	10.3	304.4	347.1	15.8	65.6	0.5	325.
1.5	14.0	754.7	925.0	25.0	19.3	160.4	10.8	-3.6	10.2	304.4	346.5	15.4	70.7	1.0	330.
2.4	16.4	995.3	900.0	22.7	19.1	166.9	10.8	-2.5	10.6	304.9	347.3	15.7	80.5	1.6	335.
3.3	18.9	1240.6	875.0	20.5	18.5	169.1	9.9	-1.9	9.7	305.1	347.2	15.6	88.4	2.1	339.
4.3	21.4	1491.3	850.0	18.2	17.3	166.8	8.7	-2.0	8.5	305.2	345.2	14.8	94.3	2.7	341.
5.4	23.9	1747.4	825.0	16.7	15.4	173.7	8.3	-0.9	8.3	306.3	343.0	13.5	91.9	3.3	342.
6.5	26.5	2009.9	800.0	15.1	12.1	173.4	8.8	-1.0	8.7	307.3	338.4	11.2	82.3	3.8	344.
7.4	29.1	2279.0	775.0	13.8	8.3	173.6	10.0	-1.1	9.9	308.6	333.8	8.9	69.5	4.3	345.
8.4	31.7	2555.2	750.0	12.2	5.5	180.1	9.9	0.0	9.9	309.8	331.4	7.6	63.6	4.8	346.
9.3	34.3	2838.7	725.0	9.8	5.0	183.2	9.6	0.5	9.6	310.2	331.9	7.6	72.0	5.4	349.
10.3	37.0	3129.5	700.0	7.5	4.1	191.5	9.6	1.9	9.4	310.6	331.9	7.4	78.6	5.9	350.
11.5	39.8	3428.5	675.0	5.1	2.9	194.1	9.9	2.4	9.6	311.3	331.6	7.0	85.8	6.5	352.
12.6	42.6	3736.6	650.0	4.2	-5.0	190.7	9.9	1.8	9.8	313.7	326.0	4.1	51.2	7.2	354.
14.0	45.4	4054.8	625.0	2.0	-7.1	193.7	11.3	2.7	11.0	314.6	325.7	3.6	50.5	8.0	356.
15.3	48.3	4383.0	600.0	-0.3	-10.3	202.7	11.0	4.3	10.2	315.6	324.7	2.9	46.7	8.8	358.
16.8	51.4	4722.3	575.0	-2.4	-11.7	212.6	11.6	6.3	9.8	317.1	323.6	2.7	48.8	9.7	1.
18.0	54.4	5074.1	550.0	-4.4	-11.3	219.2	11.8	7.4	9.1	318.2	328.0	2.2	58.5	10.5	4.
19.5	57.5	5439.6	525.0	-6.2	-15.3	233.5	8.4	6.7	5.0	321.0	328.1	2.2	48.2	11.2	7.
20.7	60.6	5819.9	500.0	-8.9	-18.0	248.8	5.7	5.4	2.1	322.2	328.2	1.9	47.8	11.5	9.
21.8	63.9	6215.1	475.0	-11.9	-20.1	243.3	6.9	6.1	3.4	323.2	328.6	1.6	50.8	11.8	10.
23.0	67.3	6626.5	450.0	-15.1	-24.8	233.9	9.2	7.5	5.4	324.3	328.1	1.1	46.4	12.0	12.
24.1	70.7	7056.0	425.0	-18.6	-27.2	226.2	10.3	7.4	7.1	325.1	328.4	1.0	46.4	12.6	14.
25.4	74.3	7505.2	400.0	-22.0	-31.9	228.0	13.1	9.7	8.7	326.4	328.7	0.7	40.0	13.3	16.
26.6	78.0	7976.4	375.0	-26.0	-30.6	235.2	17.9	14.7	10.2	327.2	329.9	0.8	65.4	14.2	19.
28.2	81.7	8473.7	350.0	-28.3	-29.3	243.2	22.8	20.4	10.3	330.6	333.9	1.0	91.1	15.8	23.
30.3	85.8	9002.3	325.0	-31.5	-34.0	249.2	25.4	23.8	9.0	333.2	335.6	0.7	78.6	16.2	30.
32.3	90.0	9564.1	300.0	-35.4	-38.4	257.6	26.6	26.0	5.7	335.2	337.1	0.5	73.8	20.5	36.
33.9	94.3	10164.7	275.0	-40.1	99.9	261.3	25.9	25.6	3.9	337.1	999.9	99.9	999.9	22.6	41.
35.6	99.0	10807.6	250.0	-45.5	99.9	264.9	24.2	24.1	2.2	338.2	999.9	99.9	999.9	24.4	45.
37.3	103.8	11502.5	225.0	-50.7	99.9	269.1	23.7	26.7	0.4	340.2	999.9	99.9	999.9	26.4	48.
39.4	109.2	12264.7	200.0	-54.8	99.9	275.5	32.9	32.7	-3.2	345.8	999.9	99.9	999.9	29.1	53.
41.8	115.0	13105.2	175.0	-60.3	99.9	275.4	36.5	36.4	-3.5	350.5	999.9	99.9	999.9	33.0	60.
44.0	121.2	14050.8	150.0	-67.5	99.9	278.8	32.5	32.2	-5.0	353.2	999.9	99.9	999.9	37.0	64.
47.8	128.2	15141.0	125.0	-69.1	99.9	259.3	27.0	26.5	5.0	369.5	999.9	99.9	999.9	42.7	68.
52.5	136.0	16451.7	100.0	-62.5	99.9	248.5	22.9	21.3	8.4	407.1	999.9	99.9	999.9	49.7	68.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NC. 30
 HEALDTON, OKLAHOMA

 20 MAY 1979
 2130 GMT

134 84. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES HB	TEMP DG C	DEW PT DG C	DJR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	291.0	574.0	27.1	18.4	180.0	4.0	0.0	4.0	302.2	339.7	13.8	59.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	10.5	511.9	950.0	22.7	18.9	192.4	8.5	1.8	8.3	303.3	342.6	14.6	66.1	0.3	359.
1.8	12.9	746.4	925.0	23.4	18.3	189.7	11.2	1.9	11.0	303.3	342.6	14.5	72.8	0.9	5.
2.5	15.4	965.8	900.0	21.7	18.6	192.6	10.9	2.4	10.6	303.9	344.9	15.2	72.6	1.4	8.
3.4	17.9	1230.4	875.0	19.5	17.7	190.0	10.1	1.0	10.0	304.0	343.8	14.8	89.6	1.9	9.
4.3	20.4	1480.3	850.0	17.8	15.6	188.8	10.0	1.5	9.9	304.6	340.8	13.2	86.6	2.5	9.
5.2	23.0	1736.1	825.0	17.1	12.7	185.6	10.9	1.1	10.8	306.6	337.8	11.3	75.6	3.0	9.
6.1	25.4	1998.9	800.0	15.8	10.7	188.5	10.8	1.6	10.7	308.6	336.3	10.2	71.7	3.6	8.
6.9	28.1	2268.2	775.0	14.2	7.6	193.3	11.4	2.6	11.1	309.1	333.1	8.5	64.2	4.2	9.
7.8	30.7	2544.9	750.0	12.5	6.8	196.1	11.4	3.2	11.0	310.2	333.7	8.3	68.0	4.8	10.
8.7	33.3	2828.8	725.0	10.0	7.8	196.0	10.0	2.7	9.6	310.4	336.6	8.4	86.4	5.4	10.
9.6	35.1	3119.9	700.0	7.1	5.9	196.8	10.0	2.9	9.6	310.4	336.6	8.4	91.9	5.9	11.
10.4	38.8	3419.2	675.0	5.5	3.5	202.0	9.8	3.7	9.0	311.2	332.9	7.3	87.2	6.4	11.
11.4	41.7	3727.0	650.0	2.8	1.3	208.8	9.9	4.8	8.6	312.2	331.1	6.5	89.8	6.9	12.
12.3	44.5	4044.1	625.0	0.7	-0.2	213.4	10.1	5.6	8.5	313.2	331.0	6.1	94.1	7.4	14.
13.3	47.4	4371.1	600.0	-1.8	-2.6	212.1	10.8	5.8	9.2	314.0	328.6	5.3	94.1	8.0	15.
14.3	50.4	4708.9	575.0	-4.0	-5.5	207.8	12.8	6.0	11.3	315.3	328.6	4.4	89.4	8.7	17.
15.4	53.5	5058.8	550.0	-6.4	-7.2	211.6	15.7	8.2	13.4	316.5	328.8	4.1	94.0	9.6	18.
16.6	56.6	5422.3	525.0	-8.1	-9.2	220.2	17.5	11.3	13.3	318.7	329.9	3.6	91.5	10.8	20.
18.0	59.8	5799.8	500.0	-10.5	-15.6	215.7	18.6	10.9	15.1	320.2	327.4	2.3	66.1	12.2	22.
19.4	63.1	6192.5	475.0	-13.7	-19.3	207.7	19.2	8.9	17.0	321.0	326.7	1.7	62.4	13.8	23.
20.9	66.5	6602.8	450.0	-14.5	-17.5	213.7	22.8	12.7	19.0	325.0	332.0	2.2	77.9	15.5	24.
22.3	69.9	7034.8	425.0	-16.8	-19.7	229.9	24.2	18.5	15.6	327.5	333.7	1.9	77.7	17.6	26.
23.9	73.4	7468.0	400.0	-15.7	-22.8	244.7	28.1	25.4	12.0	329.5	334.6	1.5	75.9	19.6	29.
25.6	77.1	7964.9	375.0	-22.5	-26.1	255.9	29.3	28.4	7.2	331.9	336.0	1.2	71.7	21.9	35.
27.4	81.0	8468.2	350.0	-26.0	-30.0	259.0	27.1	26.6	5.2	333.7	336.8	0.9	69.0	24.2	40.
29.2	85.0	9001.1	325.0	-29.7	-34.2	257.6	25.6	25.0	5.5	335.7	338.1	0.6	64.9	26.5	44.
31.0	89.2	9566.9	300.0	-34.2	-39.3	263.7	23.1	23.1	1.7	337.1	338.7	0.4	59.9	28.6	47.
32.7	93.6	10170.6	275.0	-38.4	-43.7	277.3	19.0	18.9	-2.4	339.7	340.8	0.3	56.9	30.4	50.
34.3	98.2	10820.2	250.0	-42.9	-49.9	304.7	8.9	7.3	-5.1	342.3	399.9	99.9	999.9	31.0	52.
36.0	103.2	11520.4	225.0	-49.4	-59.9	317.8	8.6	5.7	-6.3	342.2	399.9	99.9	999.9	31.2	53.
38.3	108.5	12280.1	200.0	-55.3	-69.9	313.4	10.5	7.7	-7.2	345.2	399.9	99.9	999.9	31.2	57.
42.1	114.2	13120.4	175.0	-61.8	-79.9	278.2	16.7	16.5	-2.4	348.0	399.9	99.9	999.9	32.3	60.
44.1	120.5	14058.6	150.0	-68.6	-89.9	262.4	18.6	18.7	2.5	352.0	399.9	99.9	999.9	34.3	62.
47.3	127.7	15150.7	125.0	-64.3	-89.9	261.1	24.4	24.1	3.8	378.6	399.9	99.9	999.9	38.5	64.
51.4	135.3	16515.7	100.0	-62.0	-89.9	999.9	99.9	99.9	99.9	408.0	399.9	99.9	999.9	43.7	65.
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
HEALDYCN. OKLAHOMA

20 MAY 1979
2335 GMT

14 046. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEB PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.8	291.0	975.4	19.5	17.8	999.9	99.9	99.9	99.9	294.6	329.3	13.3	90.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	8.9	294.5	975.0	19.3	17.6	999.9	99.9	99.9	99.9	294.6	328.6	13.1	89.9	999.9	999.9
0.7	11.2	517.9	950.0	17.5	16.8	999.9	99.9	99.9	99.9	295.0	328.3	12.8	95.4	999.9	999.9
1.3	13.5	746.2	925.0	16.6	15.9	999.9	99.9	99.9	99.9	296.2	328.7	12.4	95.7	999.9	999.9
2.0	15.8	980.2	900.0	15.8	15.1	999.9	99.9	99.9	99.9	297.6	329.7	12.1	95.7	999.9	999.9
2.7	18.2	1219.6	875.0	14.6	13.8	999.9	99.9	99.9	99.9	299.0	329.5	11.5	95.1	999.9	999.9
3.6	20.6	1465.4	850.0	13.9	12.6	999.9	99.9	99.9	99.9	300.7	330.1	10.9	92.2	999.9	999.9
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
HEALOTCN, OKLAHOMA

21 MAY 1979
250 CMT

TIME M/N	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PDT Y DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.8	291.0	976.9	18.9	17.2	50.0	6.0	-4.6	-3.9	294.0	327.2	12.8	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	8.9	307.8	975.0	18.8	17.3	52.4	7.9	-6.3	-4.8	294.1	327.5	12.9	90.9	0.1	327.
0.8	10.8	531.2	950.0	17.5	16.7	54.8	14.2	-11.6	-8.2	295.0	328.0	12.7	94.8	0.6	240.
1.8	13.2	755.9	925.0	17.8	14.4	49.0	15.6	-11.8	-10.2	297.3	327.1	11.2	81.5	1.5	238.
2.7	15.0	994.7	900.0	17.2	14.0	56.0	13.3	-11.1	-7.5	299.2	329.3	11.3	81.8	2.3	233.
3.6	18.0	1235.5	875.0	16.6	14.3	76.9	7.7	-17.5	-1.7	301.0	332.8	11.8	86.5	2.9	235.
4.5	20.4	1483.3	850.0	16.0	14.7	106.4	3.9	-3.7	1.1	302.9	336.7	12.5	91.8	3.1	238.
5.5	22.9	1737.2	825.0	14.4	12.1	142.1	2.8	-1.7	2.2	303.9	333.4	10.8	85.6	3.3	240.
6.3	25.3	1957.4	800.0	12.9	10.5	167.5	4.4	-0.9	4.3	304.9	332.5	10.1	85.6	3.2	243.
7.3	27.9	2264.1	775.0	11.7	6.4	203.6	6.1	2.5	5.6	306.4	328.3	7.8	69.8	3.0	248.
8.2	30.4	2538.6	750.0	10.5	4.5	218.8	6.5	4.1	5.1	308.0	328.0	7.1	66.1	2.7	252.
9.1	33.0	2820.2	725.0	8.4	4.1	226.9	6.1	4.5	4.2	308.7	328.9	7.1	74.4	2.5	258.
10.0	35.7	3110.1	700.0	7.0	3.0	240.4	6.9	6.0	3.4	310.2	329.7	6.8	75.5	2.1	260.
10.9	38.3	3408.8	675.0	5.2	0.3	239.2	8.9	7.7	4.6	311.5	328.4	5.8	70.6	1.8	264.
11.8	41.1	3715.9	650.0	2.5	0.2	237.0	12.5	10.5	6.8	311.8	329.2	6.0	84.7	1.3	277.
12.9	43.9	4032.3	625.0	0.2	-2.7	249.6	14.2	13.3	4.9	312.7	327.5	5.0	80.6	0.8	320.
14.8	46.7	4359.0	600.0	-1.9	-3.4	262.6	13.3	13.2	1.7	313.9	328.7	5.0	89.3	1.4	51.
17.1	49.6	4697.6	575.0	-2.7	-3.2	256.8	8.4	8.2	1.9	316.6	332.6	5.3	96.6	2.8	68.
19.2	52.6	5045.7	550.0	-4.5	-5.0	241.7	7.8	6.8	3.7	318.7	333.3	4.8	96.3	3.7	69.
20.8	55.6	5415.5	525.0	-6.5	-7.0	226.8	9.1	6.7	6.3	320.7	333.9	4.3	95.8	4.5	66.
22.1	58.6	5755.8	500.0	-8.7	-9.4	221.1	10.4	6.8	7.9	322.4	334.1	3.8	94.8	5.2	63.
23.7	61.9	6192.2	475.0	-10.9	-11.8	217.0	11.0	6.6	8.8	324.5	334.6	3.3	93.5	6.2	59.
25.5	65.1	6606.6	450.0	-13.1	-14.2	208.1	13.0	6.1	11.5	326.6	335.9	2.8	91.6	7.3	55.
27.1	68.6	7041.1	425.0	-15.3	-16.6	208.1	17.5	8.3	15.5	329.4	337.4	2.5	89.9	8.6	50.
28.9	72.1	7497.0	400.0	-18.4	-20.0	213.7	17.5	9.7	14.5	331.1	337.6	1.9	86.8	10.4	47.
30.5	75.7	7976.2	375.0	-21.7	-23.8	214.6	18.2	10.3	15.0	332.9	337.9	1.5	83.2	12.1	45.
32.0	79.6	8480.7	350.0	-26.0	-28.5	213.3	20.3	11.1	17.0	333.7	337.3	1.0	79.0	13.9	43.
33.9	83.4	9012.9	325.0	-29.9	-33.3	209.1	19.5	9.5	17.1	335.4	338.0	0.7	72.2	16.0	42.
36.0	87.6	9578.3	300.0	-34.4	-38.1	202.3	19.7	7.5	18.2	336.9	338.7	0.5	68.8	18.4	40.
38.1	91.8	10180.3	275.0	-39.2	-43.4	215.6	21.5	12.5	17.5	338.4	339.5	0.3	64.3	20.9	38.
40.3	96.5	10825.5	250.0	-44.9	-49.9	234.0	19.2	15.5	11.3	339.3	399.9	99.9	999.9	23.7	39.
43.5	101.4	11519.2	225.0	-51.8	-59.9	243.4	18.9	16.9	8.4	339.1	999.9	99.9	999.9	26.9	42.
47.4	106.3	12270.1	200.0	-59.3	-69.9	244.7	23.1	20.8	9.8	338.9	999.9	99.9	999.9	31.5	45.
51.6	112.5	13095.6	175.0	-64.9	-79.9	238.7	25.2	21.5	13.1	342.6	999.9	99.9	999.9	37.5	48.
54.9	118.7	14017.2	150.0	-72.5	-89.9	237.2	28.0	23.6	15.2	345.2	999.9	99.9	999.9	41.9	48.
62.3	126.0	15122.0	125.0	-84.1	-99.9	999.9	99.9	99.9	99.9	379.0	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
 HEALDTON, OKLAHOMA

 21 MAY 1979
 550 GMT

114 146. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	291.0	979.2	19.0	17.0	90.0	3.0	-3.0	0.0	293.9	326.5	12.6	88.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	8.7	328.1	975.0	18.5	17.4	78.9	2.5	-2.5	-0.5	293.8	327.4	13.0	93.1	0.0	101.
1.0	11.0	551.1	950.0	17.0	17.0	88.0	5.3	-5.3	-0.2	294.4	328.1	13.0	100.0	0.1	212.
1.9	13.4	778.8	925.0	15.3	15.3	66.6	9.4	-9.4	-0.5	295.6	326.2	11.9	99.7	0.5	263.
2.8	15.8	1011.4	900.0	14.7	13.8	71.7	9.7	-9.2	-3.0	296.7	326.1	11.2	94.7	1.1	281.
3.7	18.2	1250.7	875.0	14.7	13.6	56.0	6.9	-5.7	-3.9	299.1	329.2	11.3	92.8	1.5	256.
4.5	20.7	1456.3	850.0	13.5	13.2	22.4	3.8	-1.4	-3.5	300.3	330.6	11.3	97.7	1.7	252.
5.4	23.2	1748.0	825.0	12.3	12.2	331.6	4.4	2.1	-3.8	301.6	331.1	10.9	98.9	1.8	246.
6.5	25.7	2006.4	800.0	11.0	10.8	314.7	6.1	4.3	-4.3	302.9	330.8	10.3	98.7	1.7	234.
7.9	28.2	2271.6	775.0	9.8	9.5	296.9	6.2	5.6	-2.6	304.4	331.1	9.7	98.3	1.6	216.
9.2	30.8	2544.6	750.0	8.9	8.5	254.5	7.4	7.2	2.0	306.2	332.3	9.4	97.4	1.4	199.
10.7	33.4	2825.7	725.0	7.6	7.0	235.9	8.4	6.9	4.7	307.6	332.3	8.7	95.6	1.0	170.
11.6	36.1	3115.0	700.0	6.2	5.4	226.4	9.1	6.6	6.3	309.4	332.3	8.1	94.4	0.9	142.
12.6	38.9	3413.1	675.0	3.6	2.8	214.1	11.7	6.8	9.7	309.7	329.7	7.0	94.4	1.0	105.
14.1	41.7	3718.3	650.0	1.0	0.2	207.0	16.0	7.3	14.3	310.1	327.4	6.0	94.6	1.7	62.
15.2	44.4	4033.5	625.0	-0.3	-0.9	212.4	17.8	9.5	15.0	312.1	328.8	5.7	95.8	2.8	48.
16.5	47.3	4360.2	600.0	-1.6	-2.4	215.1	17.2	9.9	14.1	314.1	330.2	5.4	94.4	4.1	44.
17.8	50.3	4658.5	575.0	-3.3	-4.8	215.2	17.7	10.2	14.4	316.1	330.2	4.7	89.3	5.4	42.
19.8	53.3	5049.8	550.0	-5.0	-6.9	218.5	17.9	11.1	14.0	318.2	330.8	4.2	86.3	7.6	40.
21.2	56.4	5414.7	525.0	-6.9	-9.2	216.0	15.7	9.3	12.7	320.2	331.4	3.6	83.4	9.0	40.
22.8	59.5	5794.7	500.0	-8.8	-11.5	205.6	16.1	7.0	14.5	322.1	332.4	3.2	81.0	10.4	39.
24.6	62.7	6190.8	475.0	-11.3	-14.3	207.4	14.9	6.8	13.2	324.0	332.5	2.7	78.4	12.2	37.
26.6	66.1	6604.0	450.0	-13.8	-17.0	212.8	12.5	6.8	10.5	325.9	333.2	2.2	76.4	13.9	36.
28.2	69.6	7036.7	425.0	-16.6	-20.1	208.6	9.9	4.8	8.7	327.1	333.7	1.8	74.4	14.8	36.
30.2	73.0	7489.7	400.0	-19.7	-23.5	208.1	13.8	6.5	12.1	329.1	334.2	1.4	72.0	16.0	35.
32.2	76.7	7966.3	375.0	-23.0	-26.9	225.5	18.6	13.3	13.1	331.2	335.0	1.1	70.1	18.2	35.
34.3	80.5	8468.8	350.0	-26.4	-30.5	239.6	15.3	13.2	7.7	333.2	336.2	0.9	68.2	20.0	37.
36.7	84.5	9000.3	325.0	-30.4	-34.7	237.3	19.7	16.5	10.6	334.8	337.0	0.6	65.9	22.3	39.
39.6	88.7	9544.7	300.0	-34.7	-39.1	233.3	23.4	18.8	14.0	336.5	338.1	0.4	63.8	26.1	42.
42.8	93.0	10166.2	275.0	-39.5	-44.0	228.7	28.0	21.0	18.5	338.0	339.0	0.3	61.7	30.7	43.
46.6	97.6	10810.9	250.0	-45.1	-49.9	223.3	25.0	17.1	18.2	339.1	339.9	99.9	999.9	37.5	44.
51.3	102.6	11508.5	225.0	-51.1	-55.9	221.9	23.8	16.6	18.5	340.2	339.9	99.9	999.9	43.8	43.
54.3	107.8	12259.5	200.0	-56.1	-59.9	223.5	27.7	19.1	20.1	340.8	339.9	99.9	999.9	48.2	43.
57.0	113.7	13084.0	175.0	-64.8	-69.9	228.9	35.9	27.1	23.6	343.0	339.9	99.9	999.9	53.5	44.
59.9	120.0	14009.7	150.0	-70.4	-75.0	99.9	99.9	99.9	99.9	348.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
 HEALDTON, OKLAHOMA

 21 MAY 1979
 805 GMT

131 91. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.5	291.0	976.2	17.8	16.8	50.0	5.0	-3.8	-3.2	293.8	325.2	12.5	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	8.6	301.6	975.0	17.9	17.0	50.1	7.0	-5.4	-4.5	293.2	325.8	12.6	94.2	0.1	329.
0.8	11.0	524.6	950.0	17.5	16.5	53.1	13.0	-10.5	-7.9	294.9	327.7	12.6	94.0	0.5	227.
1.6	13.4	753.3	925.0	17.3	14.6	52.4	13.0	-10.3	-7.9	297.0	327.2	11.4	84.6	1.1	232.
2.4	15.8	588.0	900.0	17.8	12.0	41.5	12.1	-8.0	-9.1	299.9	326.4	9.9	68.7	1.8	231.
3.3	18.2	1229.6	875.0	17.8	9.2	25.5	8.1	-4.0	-7.1	302.3	325.4	8.4	57.2	2.3	227.
4.2	20.7	1477.4	850.0	16.8	8.2	341.5	5.3	1.7	-5.0	303.7	326.0	8.1	56.7	2.6	224.
5.0	23.2	1731.7	825.0	15.8	7.1	300.2	6.5	5.6	-3.3	305.4	327.0	7.7	56.2	2.6	218.
6.0	25.7	1992.3	800.0	13.4	5.7	274.7	10.0	9.9	-0.8	305.2	325.8	7.2	59.5	2.4	208.
6.8	28.3	2258.9	775.0	11.0	4.9	269.3	12.4	12.4	0.2	305.6	325.4	7.1	66.3	2.3	195.
7.6	30.9	2531.7	750.0	8.7	5.2	268.7	16.0	16.0	0.4	306.0	326.9	7.4	78.7	2.1	178.
8.4	33.6	2811.9	725.0	6.8	5.1	266.3	18.5	18.5	1.2	306.9	328.4	7.6	88.8	2.3	155.
9.4	36.2	3100.2	700.0	5.1	3.8	263.7	19.7	19.6	2.2	308.1	328.5	7.2	91.2	2.9	135.
10.3	39.0	3396.6	675.0	3.4	2.5	260.8	19.8	19.5	3.2	309.2	328.9	6.8	93.7	3.7	121.
11.2	41.8	3702.8	650.0	2.0	1.6	258.4	19.9	19.5	4.0	311.2	330.3	6.6	97.1	4.6	112.
12.3	44.6	4019.2	625.0	0.3	-1.2	252.5	20.1	19.1	6.0	312.8	329.4	5.6	89.5	5.6	104.
13.4	47.5	4346.0	600.0	-1.6	-6.4	248.4	18.4	17.1	6.8	314.3	326.3	4.0	69.6	6.7	98.
14.6	50.4	4684.0	575.0	-3.6	-9.4	250.1	19.6	18.4	6.7	315.8	325.8	3.3	63.8	7.9	93.
15.7	53.5	5034.8	550.0	-5.1	-13.6	249.5	20.6	19.3	7.2	318.6	325.7	2.4	51.3	9.2	90.
17.0	56.6	5398.8	525.0	-7.5	-15.6	247.4	19.9	18.3	7.6	319.4	326.2	2.2	52.4	10.7	87.
18.3	59.8	5777.4	500.0	-9.3	-18.5	241.2	20.5	18.0	9.9	321.7	328.5	2.1	55.5	12.2	84.
19.7	63.0	6172.4	475.0	-11.9	-14.1	231.8	20.9	16.5	12.9	323.2	331.9	2.7	83.8	13.7	81.
20.9	66.4	6565.1	450.0	-13.4	-14.1	227.2	18.1	13.3	12.3	326.4	335.6	2.9	94.8	15.0	78.
22.1	69.9	7019.7	425.0	-15.8	-16.8	222.1	15.9	10.0	11.0	328.7	336.6	2.4	92.4	16.0	75.
23.4	73.4	7474.4	400.0	-19.2	-20.6	228.8	14.6	11.0	9.6	330.8	336.3	1.9	89.0	16.9	73.
24.8	77.0	7951.0	375.0	-23.2	-29.0	235.2	15.9	13.0	9.1	330.8	334.1	0.9	59.2	18.1	72.
26.3	80.9	8452.8	350.0	-26.4	-30.0	231.4	14.8	12.5	10.0	333.1	336.3	0.9	71.8	19.6	71.
29.0	84.9	8984.2	325.0	-30.5	-32.6	228.1	13.8	10.6	10.2	334.7	337.4	0.8	82.0	21.0	69.
30.0	89.0	9547.4	300.0	-35.6	-42.8	225.7	13.2	11.6	11.3	335.3	336.3	0.3	46.7	22.6	67.
31.9	93.3	10146.4	275.0	-40.9	-42.8	227.1	24.5	18.0	16.7	335.9	999.9	99.9	999.9	24.8	65.
33.9	98.0	10786.5	250.0	-46.3	-46.3	228.9	27.5	20.7	18.1	337.2	999.9	99.9	999.9	27.8	63.
36.4	103.0	11476.7	225.0	-52.2	-49.9	228.6	27.5	20.6	18.2	338.6	999.9	99.9	999.9	31.8	62.
38.9	108.2	12227.9	200.0	-58.9	-58.9	227.2	25.3	19.3	17.9	339.6	999.9	99.9	999.9	35.6	60.
41.1	114.0	13052.1	175.0	-66.4	-66.4	225.5	25.1	17.9	17.6	340.2	999.9	99.9	999.9	38.8	59.
43.9	120.2	13972.4	150.0	-70.7	-69.9	237.8	41.7	35.3	22.3	348.4	999.9	99.9	999.9	43.8	58.
47.9	127.3	15072.1	125.0	-61.1	-61.1	259.4	37.0	36.3	6.8	384.3	999.9	99.9	999.9	54.7	60.
51.9	135.0	16458.5	100.0	-63.0	-63.0	268.5	21.3	21.0	3.5	406.0	999.9	99.9	999.9	60.3	62.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
 HEALDTON, OKLAHOMA

 21 MAY 1979
 1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.8	291.0	977.2	16.1	16.0	90.0	3.0	-3.0	0.0	293.2	325.3	12.4	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	9.0	310.4	975.0	18.4	17.0	70.1	8.5	-8.0	-2.9	293.7	326.4	12.6	91.3	0.1	260.
0.8	11.4	533.4	950.0	16.8	15.7	79.1	8.6	-8.4	-1.6	294.3	325.3	11.9	93.0	0.2	254.
1.5	13.8	761.0	925.0	15.8	14.5	102.6	6.1	-8.0	1.8	295.2	325.1	11.4	93.1	0.6	263.
2.4	16.3	954.0	900.0	14.9	13.8	115.9	7.8	-7.0	3.4	296.5	326.3	11.1	93.2	1.0	275.
3.2	18.7	1232.8	875.0	13.7	12.6	99.0	6.9	-6.8	1.1	298.0	326.2	10.6	93.2	1.3	280.
4.0	21.3	1477.0	850.0	12.1	9.4	72.2	5.6	-5.3	-1.7	298.8	322.4	8.8	83.5	1.6	277.
4.8	23.8	1727.4	825.0	11.7	4.1	14.8	2.7	-0.7	-2.6	301.0	318.3	6.3	59.6	1.8	273.
5.7	26.4	1985.3	800.0	11.5	4.2	302.5	3.6	3.0	-1.9	303.4	321.6	6.5	61.1	1.7	271.
6.6	29.0	2250.3	775.0	10.9	2.7	302.9	6.8	5.7	-3.7	305.4	322.6	6.0	56.5	1.5	266.
7.5	31.7	2523.2	750.0	9.1	1.3	297.9	10.8	9.6	-5.1	306.4	322.5	5.6	58.1	1.2	252.
8.3	34.3	2804.3	725.0	8.6	-0.1	289.7	12.4	11.7	-4.2	308.4	324.1	5.2	54.2	0.8	222.
9.2	37.0	3093.7	700.0	6.6	-2.6	284.6	12.4	12.0	-3.1	309.6	323.1	4.5	51.7	0.8	174.
10.1	39.8	3391.8	675.0	4.5	-3.7	282.0	12.7	12.4	-2.7	310.7	323.5	4.3	55.3	1.2	142.
11.2	42.7	3658.4	650.0	2.7	-5.3	278.7	13.2	13.1	-2.0	312.0	323.8	4.0	55.7	1.9	125.
12.3	45.6	4014.8	625.0	0.6	-7.2	280.2	14.1	13.9	-2.5	313.1	323.9	3.6	56.0	2.8	117.
13.5	48.5	4341.2	600.0	-2.3	-5.5	284.5	15.0	14.5	-3.8	315.1	323.9	2.8	58.0	4.9	111.
14.7	51.4	4678.4	575.0	-4.2	-11.2	289.0	15.4	14.6	-5.0	316.3	324.7	2.7	64.2	6.0	111.
15.9	54.5	5027.8	550.0	-6.6	-12.2	284.1	13.9	13.4	-3.4	316.3	324.7	2.8	75.6	6.9	109.
17.1	57.6	5389.9	525.0	-9.1	-12.6	273.0	12.8	12.8	-0.7	317.5	326.1	2.8	75.6	6.9	109.
18.3	60.8	5766.1	500.0	-10.6	-34.4	259.1	15.3	15.0	2.9	320.1	321.8	0.5	13.9	7.8	101.
19.6	64.1	6159.3	475.0	-11.8	-56.8	237.8	17.5	14.8	9.3	323.4	323.5	0.0	1.1	8.9	101.
21.0	67.4	6571.5	450.0	-14.5	-59.1	233.1	18.1	14.5	10.9	325.0	325.1	0.0	1.0	9.9	95.
22.3	70.9	7002.1	425.0	-17.7	-61.1	236.8	18.6	15.6	10.2	326.3	326.4	0.0	1.0	11.1	90.
23.9	74.5	7452.4	400.0	-21.4	-63.6	238.2	19.3	16.4	10.2	327.2	327.2	0.0	1.0	12.5	86.
25.4	78.2	7924.1	375.0	-25.6	-65.9	234.3	23.0	18.7	13.5	327.7	327.7	0.0	1.1	14.2	82.
26.9	82.0	8420.9	350.0	-29.2	-32.7	228.1	29.8	22.2	19.9	329.4	331.8	0.7	71.6	16.3	78.
28.7	86.1	8946.6	325.0	-32.8	-37.3	223.3	31.9	21.9	23.2	331.5	333.2	0.5	63.6	19.2	73.
30.3	90.3	9507.5	300.0	-36.1	-41.2	214.2	31.4	17.7	26.0	334.5	335.7	0.3	59.1	21.8	68.
32.0	94.7	10105.4	275.0	-41.2	99.9	212.5	33.1	17.8	27.9	335.6	335.7	99.9	99.9	24.4	64.
33.7	99.4	10744.5	250.0	-47.2	99.9	219.2	34.5	21.8	26.8	335.9	335.9	99.9	99.9	27.6	60.
35.9	104.3	11433.2	225.0	-52.5	99.9	230.1	32.6	25.0	20.9	338.0	338.0	99.9	99.9	31.9	58.
37.9	109.5	12185.5	200.0	-57.9	99.9	236.5	28.5	23.8	15.7	341.2	339.9	99.9	99.9	35.4	58.
40.8	115.5	13015.2	175.0	-62.4	99.9	243.3	37.3	33.3	16.8	346.9	339.9	99.9	99.9	41.4	58.
43.9	121.7	13900.3	150.0	-65.8	99.9	248.7	31.1	29.0	11.3	356.6	339.9	99.9	99.9	47.8	59.
47.8	128.7	15086.1	125.0	-61.9	99.9	262.3	26.4	26.1	3.5	383.0	339.9	99.9	99.9	54.4	61.
52.7	137.0	16463.8	100.0	-62.5	99.9	259.4	15.7	15.4	2.9	406.5	339.9	99.9	99.9	60.4	64.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
HENNESSEY, OKLAHOMA

20 MAY 1979
1120 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.6	343.0	969.2	17.5	16.7	50.0	4.0	-3.1	-2.6	293.3	325.5	12.5	95.0	0.0	0.
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	12.4	514.7	950.0	17.5	16.5	99.9	99.9	99.9	99.9	294.9	327.6	12.5	93.8	99.9	99.9
1.5	14.7	744.0	925.0	19.7	18.0	99.9	99.9	99.9	99.9	299.4	328.6	11.0	69.9	99.9	99.9
2.4	17.1	980.9	900.0	20.4	12.7	99.9	99.9	99.9	99.9	302.6	330.7	10.4	61.3	99.9	99.9
3.3	19.5	1224.5	875.0	19.3	14.0	99.9	99.9	99.9	99.9	303.8	335.4	11.6	71.5	99.9	99.9
4.3	21.9	1473.6	850.0	17.0	15.2	99.9	99.9	99.9	99.9	303.9	338.9	12.9	89.4	99.9	99.9
5.2	24.4	1728.4	825.0	15.0	14.2	99.9	99.9	99.9	99.9	304.5	338.4	12.5	94.6	99.9	99.9
6.0	26.8	1995.8	800.0	16.0	5.5	99.9	99.9	99.9	99.9	308.2	328.9	7.3	51.5	99.9	99.9
7.0	29.4	2259.5	775.0	14.9	3.0	99.9	99.9	99.9	99.9	309.9	327.6	6.2	44.7	99.9	99.9
7.9	31.9	2534.1	750.0	13.0	3.1	99.9	99.9	99.9	99.9	310.6	329.1	6.4	51.1	99.9	99.9
8.8	34.5	2820.3	725.0	10.7	3.0	99.9	99.9	99.9	99.9	311.2	330.2	6.6	58.7	99.9	99.9
9.7	37.1	3112.2	700.0	8.7	0.2	99.9	99.9	99.9	99.9	312.2	328.5	5.6	53.1	99.9	99.9
10.9	39.9	3412.4	675.0	6.6	-2.1	99.9	99.9	99.9	99.9	313.1	327.5	4.9	53.7	99.9	99.9
12.1	42.7	3720.9	650.0	3.6	-2.1	99.9	99.9	99.9	99.9	313.0	328.0	5.1	66.4	99.9	99.9
13.2	45.4	4038.4	625.0	0.9	-3.5	99.9	99.9	99.9	99.9	313.4	327.5	4.8	72.8	99.9	99.9
14.3	43.3	4365.7	600.0	-0.8	-10.8	99.9	99.9	99.9	99.9	315.2	323.6	2.8	46.5	99.9	99.9
15.5	51.2	4703.6	575.0	-3.7	-17.5	99.9	99.9	99.9	99.9	315.7	321.1	1.7	33.6	99.9	99.9
16.6	54.1	5053.1	550.0	-5.9	-53.6	99.9	99.9	99.9	99.9	317.1	317.3	0.0	1.0	99.9	99.9
17.9	57.3	5416.5	525.0	-8.1	-55.0	99.9	99.9	99.9	99.9	318.7	318.8	0.0	1.0	99.9	99.9
19.1	63.4	5793.9	500.0	-9.8	-56.2	99.9	99.9	99.9	99.9	321.6	321.2	0.0	1.0	99.9	99.9
20.3	63.6	6187.3	475.0	-12.8	-58.1	99.9	99.9	99.9	99.9	322.1	322.2	0.0	1.0	99.9	99.9
21.7	66.9	6597.9	450.0	-15.5	-59.7	99.9	99.9	99.9	99.9	323.8	323.8	0.0	1.0	99.9	99.9
23.2	70.3	7027.1	425.0	-18.1	-61.4	99.9	99.9	99.9	99.9	325.7	325.8	0.0	1.0	99.9	99.9
24.8	73.8	7476.9	400.0	-21.4	-49.2	268.1	19.9	19.9	0.6	327.2	327.7	0.1	8.0	17.6	81.
26.5	77.4	7949.9	375.0	-24.4	-34.7	261.5	18.4	18.4	2.7	329.2	331.3	0.5	37.8	19.5	82.
28.2	81.2	8442.8	350.0	-27.5	-41.6	255.6	20.4	19.8	5.1	331.7	332.7	0.3	24.5	21.4	81.
29.9	85.1	8978.1	325.0	-31.9	-50.3	254.1	24.9	24.0	6.8	332.7	333.1	0.1	14.0	23.8	81.
31.3	89.2	9538.3	300.0	-36.8	-49.6	250.3	27.0	25.4	9.1	333.6	334.1	0.1	24.8	26.7	80.
34.0	93.5	10133.8	275.0	-41.7	99.9	253.9	27.6	26.8	6.7	334.9	999.9	99.9	999.9	30.4	79.
36.7	98.0	10774.2	250.0	-46.2	99.9	258.7	30.8	30.2	6.1	337.4	999.9	99.9	999.9	34.8	79.
39.1	102.8	11467.1	225.0	-51.4	99.9	99.9	99.9	99.9	99.9	339.8	999.9	99.9	999.9	40.1	79.
41.6	109.0	12221.7	200.0	-57.1	99.9	99.9	99.9	99.9	99.9	342.4	999.9	99.9	999.9	99.9	99.9
44.1	113.7	13054.5	175.0	-63.4	99.9	99.9	99.9	99.9	99.9	345.3	999.9	99.9	999.9	99.9	99.9
46.9	120.0	13986.0	150.0	-68.4	99.9	99.9	99.9	99.9	99.9	352.2	999.9	99.9	999.9	99.9	99.9
50.7	127.0	15082.7	125.0	-65.9	99.9	99.9	99.9	99.9	99.9	375.6	999.9	99.9	999.9	99.9	99.9
54.9	135.0	16452.4	100.0	-64.1	99.9	99.9	99.9	99.9	99.9	403.8	999.9	99.9	999.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
 HENNESSEY, OKLAHOMA

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT. DG C	DIR DG	SPEED M/SEC	1979			E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
								MAY	1420 GMT	U COMP M/SEC					
0.0	8.5	343.0	971.5	20.6	17.0	50.0	5.0	-3.8	-3.2	296.2	329.5	12.7	80.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	10.6	536.0	950.0	17.8	16.2	78.2	3.5	-3.4	-0.6	295.3	327.5	12.3	90.2	0.1	251.
1.5	13.0	764.8	925.0	19.6	13.5	79.4	4.2	-3.2	-0.8	299.3	327.7	10.6	67.9	0.3	259.
2.4	15.5	1001.0	900.0	19.0	11.6	64.1	4.4	-4.0	-1.9	301.1	327.2	9.6	62.0	0.6	255.
3.4	18.0	1242.6	875.0	17.5	10.4	54.3	10.2	-8.3	-5.9	301.9	326.9	9.1	63.3	0.8	250.
4.3	20.5	1490.5	850.0	16.1	13.2	25.9	7.9	-3.4	-7.1	303.1	333.8	11.3	82.8	1.5	240.
5.1	23.0	1744.5	825.0	14.3	13.3	34.0	4.3	1.2	-4.2	303.7	335.6	11.7	93.9	1.6	233.
6.2	25.6	2004.9	800.0	13.2	11.6	34.5	5.7	1.6	-5.4	305.2	335.0	10.9	90.4	1.7	223.
7.3	28.2	2272.5	775.0	12.9	6.4	327.0	6.2	3.4	-5.2	307.7	329.8	7.8	64.6	1.9	213.
8.4	30.9	2547.8	750.0	11.6	6.3	333.6	10.1	4.5	-9.0	309.2	331.9	8.0	69.6	2.3	203.
9.3	33.6	2831.3	725.0	10.1	3.4	260.2	13.8	13.6	2.3	310.2	330.0	6.8	63.2	2.3	189.
10.3	36.3	3123.1	700.0	5.0	0.9	250.5	12.5	11.8	4.2	312.2	329.5	5.9	56.7	1.9	166.
11.3	39.1	3422.6	675.0	6.0	-3.8	253.3	10.0	9.9	1.2	312.4	325.1	4.3	49.4	2.1	148.
12.4	42.0	3730.0	650.0	3.1	-10.5	244.0	10.4	10.0	2.8	312.2	320.6	2.6	36.0	2.4	134.
13.6	44.9	4046.8	625.0	1.2	-14.6	240.0	10.6	9.2	5.3	313.2	320.0	2.0	29.7	2.7	120.
14.7	47.8	4373.1	600.0	-2.0	-23.1	211.8	9.9	8.7	4.7	313.2	317.1	1.0	18.4	3.1	108.
15.9	50.8	4710.6	575.0	-3.3	-32.2	250.2	9.7	9.1	3.3	316.1	317.6	0.4	8.5	3.7	101.
17.3	53.9	5060.2	550.0	-5.9	-36.0	250.4	12.6	12.6	2.1	317.1	318.2	0.3	7.1	4.5	96.
18.5	57.0	5423.0	525.0	-8.0	-37.3	244.2	17.2	17.1	1.8	318.9	319.9	0.3	7.3	5.6	94.
19.6	60.3	5800.4	500.0	-10.4	-40.4	258.7	18.0	17.7	3.5	320.3	321.1	0.2	6.4	6.8	92.
20.9	63.6	6153.0	475.0	-13.5	-29.6	258.7	17.7	17.4	3.5	321.2	323.7	0.7	25.2	8.1	89.
22.3	66.9	6602.6	450.0	-15.3	-29.7	261.6	17.1	16.9	2.5	324.0	326.5	0.7	27.8	9.5	88.
23.8	70.4	7031.3	425.0	-19.1	-32.4	266.0	16.5	16.5	1.2	324.2	326.5	0.6	29.7	11.1	87.
25.2	74.0	7479.3	400.0	-22.8	-30.7	259.2	15.9	15.7	3.0	325.4	327.9	0.7	48.0	12.4	87.
26.7	77.8	7948.6	375.0	-27.2	-34.5	245.9	17.9	16.4	7.3	325.6	327.5	0.5	49.6	13.9	85.
28.3	81.7	8443.2	350.0	-30.4	-31.9	252.1	21.1	20.1	6.5	327.7	330.3	0.7	80.9	15.6	83.
29.8	85.7	8966.2	325.0	-34.6	-38.7	259.2	25.4	25.0	4.8	329.0	330.5	0.4	66.2	17.6	83.
31.3	89.8	9520.0	300.0	-38.9	-48.9	254.2	31.2	30.0	8.5	330.6	331.1	0.1	33.4	20.3	82.
33.2	94.2	10111.5	275.0	-43.3	99.9	250.5	34.6	32.6	11.6	332.2	999.9	99.9	999.9	24.0	80.
35.3	99.0	10747.4	250.0	-46.9	99.9	251.2	35.0	33.1	11.3	336.3	999.9	99.9	999.9	28.3	79.
37.3	104.0	11437.3	225.0	-52.2	99.9	253.4	33.5	32.5	9.7	338.2	999.9	99.9	999.9	32.3	78.
39.5	109.3	12189.9	200.0	-57.5	99.9	259.1	32.2	31.6	6.1	341.7	999.9	99.9	999.9	37.0	78.
42.1	115.2	13020.6	175.0	-63.9	99.9	255.9	27.1	26.3	6.6	344.4	999.9	99.9	999.9	41.2	78.
44.9	121.5	13957.4	150.0	-67.5	99.9	247.4	31.1	28.7	12.0	353.5	999.9	99.9	999.9	45.8	77.
48.1	128.3	15061.1	125.0	-65.3	99.9	258.6	26.4	25.9	5.2	376.8	999.9	99.9	999.9	52.0	77.
52.0	136.3	16439.2	100.0	-60.7	99.9	999.9	99.9	99.9	99.9	410.2	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CF TIME HAVE BEEN INTERPOLATED

** 80 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
HENNESSEY, OKLAHOMA

20 MAY 1979
1710 GMT

124 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.5	343.0	572.0	25.7	18.6	50.0	5.0	-3.8	-3.2	301.3	338.8	14.1	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	55.5	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	10.5	543.4	950.0	22.1	16.9	51.2	1.7	-1.3	-1.1	299.6	333.9	12.9	72.6	0.1	242.
1.2	12.9	774.9	925.0	20.0	17.1	49.1	2.3	-1.8	-1.5	299.6	335.5	13.4	83.4	0.2	238.
2.0	15.2	1011.1	900.0	17.6	15.7	55.8	3.1	-2.5	-1.7	299.7	333.1	12.6	88.2	0.3	234.
2.8	17.6	1322.4	875.0	16.5	12.0	65.9	4.0	-3.6	-1.6	301.0	328.5	10.2	74.7	0.5	238.
3.7	20.0	1499.3	850.0	16.2	8.9	68.7	3.5	-3.6	-1.4	303.2	326.4	8.4	61.6	0.7	241.
4.7	22.4	1753.8	825.0	15.6	7.8	68.0	2.6	-2.4	-1.0	305.1	327.6	8.1	59.5	0.9	243.
5.5	24.8	2014.2	800.0	12.3	6.5	68.7	2.5	-2.3	-0.9	305.3	326.7	7.6	63.5	1.0	242.
6.5	27.3	2281.2	775.0	12.0	6.9	5.8	1.5	-0.1	-1.5	306.7	329.5	8.1	70.9	1.2	244.
7.5	29.9	2552.4	750.0	12.1	4.7	258.9	4.1	4.0	0.8	309.2	330.3	7.2	60.5	1.1	242.
8.4	32.4	2840.1	725.0	10.6	3.6	249.0	6.1	5.7	2.2	311.1	330.8	6.9	62.0	0.8	237.
9.3	35.1	3132.0	700.0	8.4	1.4	238.1	6.2	5.2	3.3	311.8	329.4	6.1	61.2	0.4	230.
10.3	37.8	3431.8	675.0	5.6	-3.0	225.8	5.9	2.8	2.7	312.0	325.5	4.6	53.8	0.1	223.
11.2	40.5	3739.8	650.0	3.7	-5.0	999.9	99.9	99.9	99.9	313.1	325.4	4.1	53.2	999.9	999.9
12.3	43.3	4057.0	625.0	1.1	-9.5	999.9	99.9	99.9	99.9	313.7	322.8	3.0	44.8	999.9	999.9
13.4	46.1	4383.9	600.0	-1.5	-15.5	999.9	99.9	99.9	99.9	314.4	320.4	1.9	33.4	999.9	999.9
14.5	49.0	4721.3	575.0	-3.9	-32.5	999.9	99.9	99.9	99.9	315.4	316.9	0.4	8.6	999.9	999.9
15.7	51.9	5071.0	550.0	-5.5	-29.1	999.9	99.9	99.9	99.9	317.6	319.7	0.6	13.5	999.9	999.9
17.0	54.9	5434.1	525.0	-7.9	-34.8	253.1	14.8	14.2	4.3	318.9	320.3	0.4	9.3	3.1	90.
18.4	58.0	5811.3	500.0	-10.9	-37.1	244.1	16.8	15.1	7.4	319.8	320.9	0.3	9.3	4.4	82.
19.8	61.1	6203.4	475.0	-13.2	-26.5	251.6	15.1	14.4	4.8	321.7	324.8	0.9	31.8	5.7	78.
21.2	64.4	6612.6	450.0	-16.4	-22.4	258.8	13.2	13.0	2.6	322.8	327.2	1.4	60.0	6.9	78.
22.6	67.8	7040.3	425.0	-19.7	-25.8	251.5	11.8	11.2	3.7	323.7	327.4	1.1	45.0	7.9	78.
24.1	71.3	7487.4	400.0	-23.0	-31.7	248.8	14.4	13.5	5.2	325.1	327.4	0.7	45.0	9.1	77.
25.8	74.9	7957.4	375.0	-26.7	-34.5	260.8	16.6	16.3	2.6	326.2	328.1	0.5	47.3	10.5	76.
27.4	78.6	8453.2	350.0	-29.4	-41.9	261.0	22.7	22.5	3.5	329.1	330.1	0.3	28.5	12.5	77.
29.1	82.4	8977.5	325.0	-34.2	-43.6	254.3	28.2	27.1	7.6	329.6	330.5	0.2	37.6	15.1	77.
30.9	86.5	9533.7	300.0	-38.1	-44.6	249.2	35.4	33.1	12.6	331.7	332.6	0.2	49.7	18.5	76.
32.7	90.7	10127.3	275.0	-41.9	99.9	247.8	35.6	32.9	13.5	334.5	999.9	99.9	999.9	22.5	75.
34.6	95.0	10765.8	250.0	-47.2	99.9	249.4	33.3	31.2	11.7	335.9	999.9	99.9	999.9	26.2	74.
36.6	99.8	11455.5	225.0	-52.6	99.9	253.1	33.8	32.3	9.8	337.9	999.9	99.9	999.9	30.3	73.
38.8	104.8	12208.4	200.0	-57.2	99.9	256.4	32.9	32.0	7.7	342.1	999.9	99.9	999.9	34.8	74.
41.2	110.3	13041.3	175.0	-62.5	99.9	258.0	30.2	29.5	6.3	346.9	999.9	99.9	999.9	39.4	74.
43.7	116.2	13980.4	150.0	-67.8	99.9	252.1	29.3	27.8	9.0	353.3	999.9	99.9	999.9	43.6	74.
46.6	122.7	15051.4	125.0	-64.5	99.9	252.9	24.3	23.2	7.1	378.3	999.9	99.9	999.9	48.7	74.
50.5	130.0	16473.4	100.0	-59.7	99.9	999.9	99.9	99.9	99.9	412.4	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
 HENNESSEY, OKLAHOMA

 20 MAY 1979
 2005 GMT

33 660. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEV PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.4	343.0	970.8	26.0	17.4	50.0	6.0	-4.6	-3.9	301.7	336.5	13.0	59.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	10.3	523.4	950.0	23.7	17.4	99.9	99.9	99.9	99.9	301.2	336.8	13.3	68.0	999.9	999.9
1.4	12.7	766.2	525.0	21.7	16.7	99.9	99.9	99.9	99.9	301.6	336.6	13.1	73.3	999.9	999.9
2.3	15.2	1003.5	900.0	19.2	16.5	99.9	99.9	99.9	99.9	301.3	336.7	13.3	84.5	999.9	999.9
3.0	17.6	1245.5	875.0	16.4	15.1	99.9	99.9	99.9	99.9	300.9	334.3	12.5	91.8	999.9	999.9
3.8	20.1	1492.5	850.0	14.6	14.3	99.9	99.9	99.9	99.9	301.4	334.1	12.2	98.1	999.9	999.9
4.5	22.5	1745.2	825.0	12.9	12.8	99.9	99.9	99.9	99.9	302.2	332.9	11.3	99.2	999.9	999.9
5.4	25.1	2003.9	800.0	11.1	10.9	99.9	99.9	99.9	99.9	303.0	331.2	10.4	98.9	999.9	999.9
6.5	27.7	2269.0	775.0	9.9	6.0	99.9	99.9	99.9	99.9	303.5	325.7	7.6	76.9	999.9	999.9
7.5	30.2	2542.2	750.0	11.5	5.9	99.9	99.9	99.9	99.9	308.1	331.2	7.8	68.1	3.2	254.
8.7	32.9	2826.8	725.0	10.6	2.4	235.8	7.6	6.3	4.3	311.0	326.1	6.3	57.0	2.7	257.
9.6	35.6	3118.5	700.0	8.5	-1.8	99.9	99.9	99.9	99.9	311.9	326.1	4.8	48.3	999.9	999.9
10.6	38.2	3418.3	675.0	6.3	-1.0	99.9	99.9	99.9	99.9	312.7	328.3	5.3	59.4	999.9	999.9
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
 HENNESSEY, OKLAHOMA

 20 MAY 1979
 2225 UNT

70 375. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	343.0	970.5	23.2	17.0	99.9	99.9	99.9	99.9	296.9	332.5	12.7	68.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.6	12.4	529.4	950.0	22.1	15.7	99.9	99.9	99.9	99.9	299.8	331.3	11.9	66.9	999.9	999.9
1.3	14.8	766.9	925.0	20.1	15.0	99.9	99.9	99.9	99.9	299.9	331.2	11.7	72.7	999.9	999.9
2.2	17.2	997.3	900.0	18.2	14.8	99.9	99.9	99.9	99.9	300.2	332.0	11.9	80.6	999.9	999.9
3.0	19.7	1238.6	875.0	16.1	14.0	99.9	99.9	99.9	99.9	300.2	331.7	11.6	87.7	999.9	999.9
3.8	22.2	1485.2	850.0	14.0	12.9	99.9	99.9	99.9	99.9	300.2	330.7	11.1	93.0	999.9	999.9
4.6	24.7	1737.8	825.0	13.4	12.2	99.9	99.9	99.9	99.9	302.8	332.4	10.9	92.4	999.9	999.9
5.5	27.3	1957.0	800.0	12.0	10.8	99.9	99.9	99.9	99.9	304.0	332.0	10.2	92.4	999.9	999.9
6.4	29.9	2262.9	775.0	10.2	9.0	99.9	99.9	99.9	99.9	304.7	330.5	9.4	92.4	999.9	999.9
7.4	32.6	2536.1	750.0	8.8	7.0	99.9	99.9	99.9	99.9	306.2	329.7	8.4	88.0	999.9	999.9
8.4	35.2	2817.1	725.0	8.3	4.0	99.9	99.9	99.9	99.9	308.2	328.6	7.1	74.5	999.9	999.9
9.3	37.9	3107.3	700.0	8.1	-2.0	99.9	99.9	99.9	99.9	311.5	325.4	4.7	48.8	999.9	999.9
10.2	40.7	3406.7	675.0	6.2	-4.5	99.9	99.9	99.9	99.9	312.6	324.7	4.1	46.0	999.9	999.9
11.2	43.6	3714.3	650.0	3.1	-5.6	99.9	99.9	99.9	99.9	312.4	324.1	3.9	53.0	999.9	999.9
11.9	46.4	4030.6	625.0	0.1	-6.9	99.9	99.9	99.9	99.9	312.6	323.6	3.7	59.3	999.9	999.9
12.8	49.3	4352.3	600.0	-3.1	-7.6	99.9	99.9	99.9	99.9	312.6	323.4	3.6	70.7	999.9	999.9
13.8	52.3	4691.7	575.0	-6.3	-7.7	99.9	99.9	99.9	99.9	312.6	323.8	3.7	90.7	999.9	999.9
15.0	55.3	5040.1	550.0	-6.4	-6.4	99.9	99.9	99.9	99.9	316.2	329.6	4.3	100.9	999.9	999.9
16.1	58.4	5403.2	525.0	-8.3	-8.4	99.9	99.9	99.9	99.9	318.4	330.3	3.9	99.6	999.9	999.9
17.1	61.6	5781.1	500.0	-10.5	-10.6	99.9	99.9	99.9	99.9	320.3	330.9	3.4	99.0	999.9	999.9
18.3	64.9	6174.3	475.0	-13.3	-13.7	99.9	99.9	99.9	99.9	321.2	330.4	2.8	96.8	999.9	999.9
19.3	68.3	6583.9	450.0	-16.4	-17.0	99.9	99.9	99.9	99.9	322.6	329.8	2.2	94.8	999.9	999.9
20.5	71.7	7011.9	425.0	-19.1	-19.9	99.9	99.9	99.9	99.9	324.6	330.6	1.9	93.1	999.9	999.9
21.8	75.3	7460.7	400.0	-22.0	-23.1	99.9	99.9	99.9	99.9	326.4	331.4	1.5	90.6	999.9	999.9
23.3	79.0	7932.2	375.0	-25.3	-26.9	99.9	99.9	99.9	99.9	328.1	331.9	1.1	86.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
 HENNESSEY, OKLAHOMA

 20 MAY 1979
 2323 GMT

126 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	343.0	971.4	21.0	16.8	50.0	9.0	-6.9	-5.8	296.6	329.5	12.5	77.0	0.0	0.
99.9	99.9	1000.0	971.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	12.1	536.7	950.0	20.8	16.1	46.5	11.7	-8.5	-8.1	298.3	330.8	12.3	74.7	0.5	234.
1.3	14.4	767.5	925.0	19.3	16.2	55.6	13.3	-11.0	-7.5	299.0	332.7	12.7	82.7	1.0	232.
2.1	16.8	1003.1	900.0	17.4	15.3	67.5	13.1	-12.1	-5.0	299.4	332.2	12.3	87.7	1.7	235.
2.9	19.2	1243.9	875.0	15.7	14.5	80.3	12.2	-12.0	-2.1	300.1	332.1	11.9	92.2	2.2	240.
3.7	21.6	1490.1	850.0	13.6	12.9	93.4	11.8	-11.8	0.7	300.6	330.4	11.1	94.6	2.7	245.
4.4	24.1	1742.1	825.0	12.7	11.9	108.7	11.8	-11.2	3.8	302.0	330.9	10.7	94.8	3.2	251.
5.1	26.6	2001.2	800.0	11.8	11.0	122.0	11.4	-9.7	6.0	303.7	332.1	10.4	94.6	3.5	256.
5.8	29.1	2266.9	775.0	10.1	9.3	134.7	11.2	-8.0	7.9	304.7	331.0	9.6	94.6	3.9	262.
6.6	31.7	2539.1	750.0	8.3	5.0	146.6	9.0	-5.0	7.5	305.6	326.2	7.3	80.0	4.1	268.
7.4	34.3	2819.1	725.0	6.9	2.0	151.9	5.9	-2.8	5.2	307.0	324.4	6.1	71.1	4.3	272.
8.2	37.0	3106.9	700.0	4.9	0.9	163.7	3.5	-1.0	3.3	308.0	324.8	5.9	75.2	4.4	275.
9.0	39.7	3403.1	675.0	2.8	-2.3	207.8	1.7	0.8	1.5	308.8	322.8	4.8	68.9	4.4	276.
9.9	42.4	3707.5	650.0	0.1	-4.4	313.8	3.9	3.1	-2.4	309.1	323.3	4.9	82.0	4.4	276.
10.9	45.3	4020.7	625.0	-2.4	-4.4	313.8	9.3	6.7	-6.5	309.7	322.7	4.4	85.8	4.1	272.
12.3	48.2	4343.6	600.0	-4.9	-5.9	307.7	11.1	8.8	-6.8	310.5	322.6	4.1	92.4	3.3	262.
13.7	51.0	4677.3	575.0	-6.6	-7.7	305.0	11.2	9.2	-6.4	312.2	323.4	3.7	92.2	2.8	249.
14.9	54.0	5024.0	550.0	-7.7	-8.7	306.4	10.7	8.6	-6.3	315.0	323.9	3.6	92.0	2.4	234.
16.3	57.1	5386.5	525.0	-7.9	-9.2	293.1	12.0	11.0	-4.7	318.9	330.1	3.6	90.2	2.2	210.
17.5	60.3	5764.7	500.0	-10.3	-11.7	283.7	12.3	12.0	-2.9	320.5	330.3	3.1	89.7	2.2	188.
18.9	63.4	6158.3	475.0	-12.9	-14.4	279.0	11.9	11.7	-2.9	325.0	330.4	2.6	88.6	2.5	164.
20.3	66.8	6568.5	450.0	-15.9	-17.8	281.0	11.2	11.0	-2.1	323.3	330.1	2.1	84.9	3.0	147.
21.8	70.1	6997.1	425.0	-19.2	-22.0	276.7	14.1	14.0	-1.6	324.4	329.5	1.5	78.4	3.8	136.
23.4	73.7	7445.8	400.0	-22.2	-25.2	259.7	21.7	21.4	3.9	326.1	330.3	1.2	76.3	5.1	122.
24.9	77.4	7919.0	375.0	-24.5	-27.8	237.6	26.3	22.2	14.1	328.1	332.7	1.0	74.3	6.7	107.
26.2	81.2	8419.4	350.0	-26.3	-29.5	214.3	28.6	16.1	23.6	333.3	336.6	0.9	73.9	8.0	93.
27.6	85.2	8951.3	325.0	-30.0	-33.8	202.5	30.2	11.6	27.9	335.3	337.7	0.7	69.3	9.2	79.
29.1	89.3	9515.9	300.0	-34.9	-39.4	197.4	32.8	9.8	31.3	336.2	337.8	0.4	62.6	11.0	66.
30.7	93.7	10118.0	275.0	-39.4	-44.2	194.6	34.2	8.6	33.1	338.1	339.2	0.3	58.7	13.2	55.
32.5	98.2	10763.3	250.0	-44.7	-49.9	199.0	34.2	11.1	35.3	339.6	339.9	99.9	999.9	16.2	47.
35.1	103.2	11459.3	225.0	-50.3	-55.9	201.4	35.0	12.7	32.6	341.4	339.9	99.9	999.9	21.3	40.
37.4	108.5	12219.1	200.0	-56.0	-59.9	208.1	33.8	15.9	29.8	344.1	339.9	99.9	999.9	26.0	37.
40.0	114.2	13053.3	175.0	-63.5	-69.9	223.1	33.3	22.7	24.3	345.2	339.9	99.9	999.9	31.0	37.
43.0	120.7	13986.1	150.0	-68.0	-74.9	245.6	36.1	32.9	15.0	353.0	339.9	99.9	999.9	37.1	40.
47.9	127.7	15103.9	125.0	-62.3	-69.9	265.1	29.1	29.0	2.5	382.1	339.9	99.9	999.9	44.4	48.
53.7	135.3	16500.0	100.0	-60.2	-69.9	99.9	99.9	99.9	99.9	411.4	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
 HENNESSEY, OKLAHOMA

 21 MAY 1979
 218 GMT

120 128. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KN	AZ DG
0.0	8.2	343.0	973.3	18.7	17.2	50.0	6.0	-4.4	-3.9	294.1	327.4	12.8	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	10.5	551.8	950.0	18.1	16.5	66.4	13.1	-12.0	-5.2	295.6	328.4	12.6	90.2	0.5	236.
1.6	12.8	780.6	925.0	16.8	15.3	78.4	14.1	-13.3	-4.7	296.6	328.0	12.0	90.9	1.1	243.
2.5	15.3	1014.4	900.0	15.6	14.4	78.3	14.6	-14.3	-2.7	297.6	328.3	11.6	92.9	1.9	247.
3.5	17.7	1253.9	875.0	14.3	13.2	87.3	13.4	-13.4	-0.6	298.6	328.0	11.0	93.2	2.7	253.
4.4	20.2	1498.9	850.0	13.1	12.1	94.6	13.4	-13.4	1.1	299.9	328.1	10.5	93.8	3.4	256.
5.5	22.8	1750.3	825.0	11.8	10.9	105.3	11.0	-10.6	2.9	301.1	328.1	10.0	93.8	4.2	261.
6.9	25.4	2008.0	800.0	10.2	9.2	102.6	10.9	-10.6	2.4	302.0	327.2	9.2	93.8	5.0	265.
8.2	27.9	2272.5	775.0	8.9	7.9	102.2	10.7	-10.5	2.3	303.4	327.4	8.7	93.6	5.8	267.
8.9	30.6	2544.1	750.0	7.3	6.3	102.6	8.4	-8.2	1.8	304.6	327.0	8.1	93.4	6.2	268.
10.0	33.2	2823.1	725.0	6.0	5.0	99.5	6.9	-6.9	0.1	306.0	327.2	7.6	93.3	6.7	269.
11.4	35.9	3110.3	700.0	4.8	0.5	67.9	6.2	-5.7	-2.3	307.6	324.1	5.7	73.6	7.2	269.
12.5	38.7	3407.0	675.0	3.9	1.5	28.5	6.1	-2.9	-5.4	310.1	328.3	6.3	84.1	7.5	267.
13.5	41.6	3713.3	650.0	1.9	-2.0	0.1	7.5	-0.0	-7.5	311.1	326.0	5.1	75.4	7.6	264.
14.8	44.4	4028.8	625.0	-0.3	-6.8	1.0	6.3	-0.1	-6.3	312.1	323.1	3.7	61.6	7.6	259.
16.1	47.3	4354.7	600.0	-2.3	-7.9	15.1	4.7	-1.2	-4.5	313.5	324.2	3.5	65.4	7.8	257.
17.2	50.3	4692.3	575.0	-3.7	-10.0	17.4	5.5	-1.7	-5.3	315.7	325.3	3.1	61.7	8.0	255.
18.5	53.4	5041.7	550.0	-6.4	-8.1	348.8	6.4	1.3	-6.3	316.5	328.0	3.8	87.7	8.1	252.
19.7	56.5	5405.1	525.0	-7.9	-12.4	335.6	6.9	2.9	-6.3	319.0	329.8	3.5	87.8	8.1	248.
21.0	59.6	5763.2	500.0	-10.2	-12.4	322.2	6.4	3.9	-5.1	320.6	329.8	2.9	84.0	8.1	244.
22.3	62.9	6177.2	475.0	-12.2	-14.3	255.2	8.7	8.4	2.2	322.9	331.3	2.7	84.6	7.7	242.
23.7	66.3	6589.4	450.0	-14.8	-17.0	219.5	12.1	7.7	9.3	324.7	332.0	2.2	83.4	6.9	243.
25.2	69.7	7020.7	425.0	-17.0	-19.7	209.4	12.6	6.2	11.0	327.2	333.4	1.9	79.7	6.0	249.
26.5	73.3	7473.4	400.0	-19.9	-23.2	219.3	15.1	9.6	11.7	329.1	334.1	1.5	74.6	5.1	256.
28.1	77.0	7948.9	375.0	-23.7	-27.9	227.4	17.0	12.5	11.5	330.2	333.7	1.0	68.5	3.9	268.
29.6	80.9	8449.6	350.0	-27.1	-31.0	220.0	15.9	10.2	12.2	332.2	335.1	0.8	69.0	2.9	320.
31.3	84.8	8978.6	325.0	-31.9	-36.1	211.1	18.8	8.7	14.4	332.8	334.7	0.5	65.8	2.9	320.
33.0	89.0	9539.5	300.0	-36.5	-40.9	212.2	20.5	10.9	17.3	334.0	335.3	0.3	63.0	4.0	346.
34.8	93.5	10136.3	275.0	-41.3	99.9	219.4	20.6	13.1	15.9	335.4	339.9	99.9	999.9	5.7	4.
36.9	98.2	10775.8	250.0	-46.6	99.9	225.9	21.0	15.1	14.6	336.6	339.9	99.9	999.9	7.9	16.
39.1	103.0	11467.3	225.0	-51.4	99.9	233.2	24.9	19.9	14.9	339.7	339.9	99.9	999.9	10.5	25.
41.2	108.4	12220.0	200.0	-58.8	99.9	235.6	25.9	24.7	16.9	339.6	339.9	99.9	999.9	13.5	32.
43.5	114.2	13046.6	175.0	-63.6	99.9	235.0	33.3	27.2	19.1	345.0	339.9	99.9	999.9	17.7	38.
46.9	120.7	13984.9	150.0	-67.5	99.9	999.9	99.9	99.9	99.9	353.6	339.9	99.9	999.9	24.1	42.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
 HENNESSEY, OKLAHOMA

 21 MAY 1979
 514 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	343.0	973.4	18.4	17.4	50.0	5.0	-3.8	-3.2	293.8	327.5	13.0	94.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	11.6	552.5	950.0	18.0	16.7	59.4	9.7	-8.4	-4.9	295.5	328.8	12.7	92.1	0.4	232.
1.5	13.8	781.1	925.0	16.9	15.5	73.1	13.1	-12.6	-3.8	296.6	328.3	12.1	91.7	1.0	240.
2.5	15.9	1014.9	900.0	16.0	14.9	84.0	11.9	-11.9	-1.2	298.0	329.6	11.9	92.7	1.7	249.
3.3	18.2	1254.6	875.0	14.6	13.5	91.6	8.8	-8.8	0.2	299.0	329.8	11.2	92.9	2.2	253.
4.2	20.4	1500.3	850.0	13.8	12.6	92.6	6.7	-6.7	0.3	300.6	329.8	10.9	92.5	2.6	256.
4.9	22.5	1752.1	825.0	12.1	10.9	85.6	6.4	-6.4	-0.5	301.4	328.6	10.0	92.4	2.9	257.
5.9	24.9	2009.8	800.0	10.3	9.2	73.9	5.7	-5.4	-1.6	302.2	327.2	9.2	92.4	3.2	258.
6.8	27.2	2274.2	775.0	8.4	2.1	73.7	5.4	-5.1	-1.5	302.9	319.2	5.8	64.8	3.5	257.
7.6	29.5	2545.5	750.0	6.3	-0.0	80.1	3.2	-3.1	-0.5	305.7	320.3	5.1	55.6	3.8	257.
8.5	32.0	2825.4	725.0	7.7	-1.1	73.6	2.9	-2.8	-0.8	308.0	322.1	4.9	53.5	3.9	257.
9.5	34.4	3114.2	700.0	6.2	-2.7	71.1	5.6	-5.3	-1.8	309.3	322.5	4.5	53.0	4.1	257.
10.5	36.9	3411.3	675.0	3.9	-2.9	71.3	7.8	-7.3	-2.5	310.0	323.4	4.6	61.2	4.5	256.
11.4	39.4	3717.1	650.0	1.4	-2.7	69.2	9.2	-8.6	-3.3	310.6	324.8	4.8	74.2	5.0	256.
12.4	42.0	4031.9	625.0	-1.4	-3.2	63.2	9.1	-8.1	-4.1	310.2	325.0	4.8	87.7	5.6	255.
13.4	44.6	4357.5	600.0	-2.3	-4.1	49.1	7.7	-5.8	-5.0	313.4	327.5	4.7	88.0	6.1	253.
14.5	47.2	4694.9	575.0	-3.8	-5.6	39.2	5.4	-3.4	-4.2	315.5	328.7	4.4	87.8	6.4	251.
15.6	50.0	5044.8	550.0	-6.2	-8.0	34.1	3.7	-2.1	-3.1	316.8	328.4	3.8	87.0	6.7	250.
16.8	52.8	5408.4	525.0	-8.0	-9.9	18.0	2.1	-0.6	-2.0	318.2	329.5	3.5	86.5	6.8	249.
18.0	55.6	5786.5	500.0	-10.1	-12.1	295.2	1.8	1.7	-0.8	320.7	330.2	3.0	85.8	6.9	248.
19.2	58.6	6180.8	475.0	-12.2	-14.2	240.9	3.9	3.4	1.9	322.9	331.5	2.7	85.0	6.9	248.
20.3	61.6	6592.5	450.0	-15.0	-17.0	228.9	6.6	4.8	4.5	324.4	331.6	2.2	84.5	6.4	249.
21.6	64.8	7022.8	425.0	-17.8	-19.9	223.4	10.3	7.1	7.5	326.2	332.3	1.8	83.1	5.8	252.
23.0	69.0	7473.9	400.0	-20.7	-23.1	219.5	13.4	8.6	10.5	328.1	333.1	1.5	80.4	4.9	258.
24.4	71.3	7948.6	375.0	-23.6	-26.3	223.0	16.3	11.1	11.9	330.3	334.4	1.2	78.6	4.0	269.
25.8	74.6	8449.0	350.0	-27.8	-31.6	224.6	16.8	11.8	11.9	331.3	334.0	0.8	69.4	3.1	288.
27.3	78.1	8977.3	325.0	-31.5	-36.0	222.1	17.3	11.6	12.8	333.3	335.2	0.3	58.4	3.4	348.
28.9	81.9	9537.7	300.0	-36.4	-41.6	225.6	19.2	13.7	13.5	334.0	335.2	0.3	58.4	3.4	348.
30.7	85.8	10134.4	275.0	-41.7	-47.1	227.4	22.7	16.7	15.4	334.8	335.2	0.3	58.4	3.4	348.
32.6	89.8	10773.1	250.0	-47.1	-53.1	223.2	27.0	18.5	19.7	336.0	336.0	0.3	58.4	3.4	348.
34.6	94.2	11461.4	225.0	-53.1	-59.9	216.4	30.8	18.2	24.8	337.2	337.2	0.3	58.4	3.4	348.
36.6	99.8	12209.8	200.0	-58.8	-65.8	212.5	37.7	20.0	31.4	339.6	339.6	0.3	58.4	3.4	348.
38.8	104.0	13037.5	175.0	-63.7	-70.7	223.6	41.6	28.7	30.1	344.7	344.7	0.3	58.4	3.4	348.
41.0	109.3	13977.3	150.0	-63.2	-70.7	245.3	35.2	32.0	14.7	361.2	361.2	0.3	58.4	3.4	348.
44.2	115.4	15105.7	125.0	-62.9	-69.9	99.9	99.9	99.9	99.9	381.1	381.1	0.3	58.4	3.4	348.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
HENNESSEY, OKLAHOMA

21 MAY 1979
805 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	343.0	973.5	18.1	17.6	50.0	4.0	-3.1	-2.6	293.5	327.5	13.2	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
0.7	11.6	553.1	950.0	17.5	16.6	69.8	9.8	-9.2	-3.4	295.0	327.9	12.6	94.4	0.2	235.
1.5	14.0	781.2	925.0	16.0	15.1	82.0	10.4	-10.3	-1.4	295.7	326.5	11.8	93.9	0.7	249.
2.2	16.4	1014.6	900.0	14.9	14.0	95.7	12.7	-12.7	1.3	296.9	326.7	11.3	94.2	1.2	257.
3.0	18.8	1253.3	875.0	13.7	12.8	109.0	12.1	-11.4	3.9	298.1	326.6	10.7	94.2	1.8	267.
3.8	21.3	1458.0	850.0	12.7	11.7	117.9	8.7	-7.7	4.1	299.4	327.0	10.3	94.0	2.2	273.
4.7	23.8	1748.7	825.0	11.0	10.0	122.5	6.8	-5.6	3.5	300.2	325.8	9.4	93.8	2.6	277.
5.5	26.3	2005.7	800.0	9.9	8.9	122.4	6.5	-5.5	3.5	301.7	326.4	9.0	93.7	2.9	280.
6.4	28.9	2269.4	775.0	8.3	7.3	122.4	5.4	-4.6	2.9	302.7	325.7	8.3	93.5	3.1	282.
7.3	31.5	2540.5	750.0	6.9	5.8	119.4	5.5	-4.8	2.7	304.0	325.6	7.8	93.1	3.4	283.
8.2	34.1	2818.8	725.0	5.1	3.7	112.2	5.5	-5.1	2.1	305.0	324.5	6.9	91.0	3.7	284.
9.1	36.8	3105.6	700.0	3.8	1.9	102.9	6.8	-6.6	1.5	306.7	324.7	6.3	87.3	4.0	285.
10.0	39.6	3400.7	675.0	1.8	0.2	89.6	7.8	-7.8	-0.1	307.7	324.2	5.8	88.8	4.4	286.
11.0	42.3	3705.1	650.0	0.6	-1.1	73.8	9.3	-8.9	-2.6	309.6	325.4	5.4	88.4	4.9	282.
11.9	45.1	4019.6	625.0	-1.3	-2.7	63.2	10.9	-9.7	-4.9	310.9	325.6	5.0	90.3	5.4	278.
13.0	48.0	4344.6	600.0	-3.0	-4.2	62.5	11.0	-9.8	-5.1	312.7	326.5	4.7	91.0	6.0	274.
14.1	51.0	4681.6	575.0	-4.5	-6.0	60.1	9.7	-8.4	-4.9	314.7	327.5	4.3	89.7	6.6	271.
15.2	54.0	5031.0	550.0	-6.3	-8.2	45.2	9.2	-8.5	-6.5	316.6	328.1	3.8	86.8	7.0	269.
16.2	57.0	5353.8	525.0	-8.4	-11.4	33.6	8.9	-8.9	-7.4	318.3	327.8	3.0	78.8	7.4	265.
17.5	60.3	5711.5	500.0	-10.6	-13.2	45.4	4.9	-3.5	-3.4	320.1	328.8	2.8	81.1	7.8	261.
18.6	63.4	6164.9	475.0	-12.8	-14.9	130.6	2.3	-1.8	1.5	322.2	330.2	2.5	83.8	8.0	261.
19.8	66.9	6575.6	450.0	-15.8	-17.7	209.1	5.1	2.5	4.5	323.3	330.2	2.1	85.7	7.9	262.
21.0	70.3	7005.5	425.0	-18.0	-19.7	230.5	9.7	7.5	6.2	325.9	332.1	1.9	86.7	7.5	265.
22.3	73.7	7456.4	400.0	-21.2	-23.3	225.7	13.5	9.7	9.4	327.5	332.3	1.5	82.9	6.7	269.
23.6	77.4	7930.1	375.0	-24.4	-27.5	215.7	14.2	8.3	11.5	329.3	332.9	1.1	75.5	6.1	277.
25.0	81.3	8429.7	350.0	-27.9	-31.3	214.0	14.2	7.9	11.7	331.1	333.9	0.8	72.6	5.6	288.
26.6	85.2	8957.2	325.0	-32.2	-37.0	217.1	17.5	10.5	13.9	332.4	334.1	0.5	61.8	5.4	303.
28.4	89.3	9517.3	300.0	-36.9	-42.2	217.9	24.4	15.0	19.3	333.3	334.5	0.3	57.4	5.7	327.
30.1	93.7	10112.2	275.0	-42.6	-49.9	213.1	26.8	14.6	22.4	333.5	339.9	99.9	999.9	7.1	347.
31.8	98.2	10748.6	250.0	-48.0	-59.9	204.2	27.9	11.4	25.4	334.6	340.9	99.9	999.9	9.3	359.
34.1	103.2	11435.0	225.0	-53.8	-69.9	204.1	33.1	13.5	30.2	336.1	340.9	99.9	999.9	13.3	6.
36.2	108.4	12180.5	200.0	-60.3	-79.9	213.9	34.2	19.1	28.4	337.3	340.9	99.9	999.9	17.3	11.
38.5	114.2	13004.5	175.0	-64.2	-89.9	227.7	36.3	26.8	24.4	344.0	340.9	99.9	999.9	21.6	18.
41.0	120.5	13948.0	150.0	-68.6	-99.9	245.4	34.8	31.7	14.5	362.3	340.9	99.9	999.9	26.4	25.
44.4	127.5	15077.6	125.0	-61.8	-99.9	269.1	25.9	25.9	0.4	383.7	340.9	99.9	999.9	30.3	34.
48.4	135.3	16551.0	100.0	-61.2	-99.9	999.9	99.9	99.9	99.9	409.4	340.9	99.9	999.9	999.9	999.9
49.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
 HENNESSEY, OKLAHOMA

 21 MAY 1979
 1105 GMT

129 96. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED H/SEC	U COMP H/SEC	V COMP H/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RM PCT	RANGE KM	AZ DG
0.0	8.2	345.0	572.9	17.2	16.6	50.0	12.0	-9.2	-7.7	292.7	324.4	12.3	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	10.3	546.9	950.0	16.4	15.3	55.0	12.0	-9.8	-6.9	293.8	324.1	11.6	93.3	0.6	228.
1.5	12.7	774.0	925.0	15.2	14.1	67.8	14.7	-13.6	-5.6	294.8	323.8	11.1	93.6	1.3	233.
2.5	13.2	1006.5	900.0	14.1	13.1	81.6	14.1	-13.9	-2.1	296.0	324.0	10.6	93.5	2.1	243.
3.4	17.6	1245.0	875.0	13.7	12.8	83.8	9.2	-9.1	-1.0	298.1	326.5	10.7	93.9	2.7	248.
4.2	20.1	1489.6	850.0	12.5	11.4	83.6	6.4	-6.4	-0.7	299.2	326.2	10.0	93.1	3.1	250.
5.1	22.6	1740.4	825.0	11.3	10.0	87.6	5.3	-5.3	-0.2	300.5	325.9	9.4	91.7	3.4	251.
6.0	25.1	1997.5	800.0	10.3	8.9	88.5	5.7	-5.7	-0.2	302.1	326.7	9.0	91.1	3.6	253.
7.0	27.7	2262.0	775.0	8.7	7.3	87.5	5.8	-5.8	-0.3	303.1	326.2	8.4	91.3	3.9	255.
8.0	30.3	2533.5	750.0	7.4	6.0	76.8	5.3	-5.2	-1.2	304.6	326.5	7.9	90.9	4.3	253.
9.0	33.0	2812.6	725.0	6.0	4.6	67.3	5.7	-5.2	-2.2	306.0	326.7	7.4	90.8	4.6	255.
9.9	35.7	3099.8	700.0	4.2	2.8	66.6	6.6	-6.1	-2.6	307.2	326.3	6.7	90.7	5.0	254.
10.8	38.4	3395.7	675.0	2.8	1.5	71.5	7.3	-6.9	-2.3	308.8	327.0	6.4	91.0	5.3	254.
11.7	41.2	3700.7	650.0	1.0	-0.3	76.5	7.1	-6.9	-1.7	310.1	326.9	5.8	91.2	5.7	254.
12.7	44.1	4015.6	625.0	-0.3	-1.7	86.8	6.3	-6.3	-0.4	312.1	328.1	5.4	90.4	6.1	254.
13.8	47.0	4341.4	600.0	-2.5	-3.8	106.7	5.2	-4.9	1.5	313.2	327.5	4.8	90.7	6.5	255.
15.2	50.0	4678.8	575.0	-4.5	-5.9	109.1	4.8	-4.6	1.6	314.7	327.6	4.3	90.4	6.8	257.
16.1	53.0	5028.4	550.0	-6.3	-7.7	92.7	5.1	-5.1	0.2	316.6	329.5	3.9	90.1	7.0	258.
17.1	56.1	5391.8	525.0	-8.0	-9.3	77.3	5.9	-5.8	-1.3	318.6	329.9	3.6	89.9	7.4	258.
18.2	59.3	5765.2	500.0	-10.9	-12.3	73.7	6.3	-6.1	-1.8	319.7	329.0	3.0	89.4	7.8	258.
19.4	62.6	6162.2	475.0	-13.0	-14.5	93.4	4.6	-4.6	0.3	321.6	330.1	2.6	88.4	8.2	258.
20.6	65.9	6572.7	450.0	-15.5	-17.2	132.1	3.0	-2.2	2.0	323.7	330.9	2.2	87.2	8.4	259.
21.7	69.4	7002.5	425.0	-18.2	-20.1	206.5	2.4	1.1	2.1	325.6	331.6	1.8	85.4	8.2	260.
22.8	73.0	7422.8	400.0	-21.7	-23.9	249.9	5.2	4.9	1.8	326.2	331.4	1.4	82.4	8.2	261.
23.9	76.7	7924.1	375.0	-25.9	-28.8	246.7	7.7	7.0	3.0	327.3	330.6	0.9	76.5	7.8	261.
25.5	80.5	8420.1	350.0	-30.3	-33.6	240.3	11.3	9.8	5.6	327.9	330.2	0.6	72.4	6.9	261.
27.1	84.5	8943.2	325.0	-34.3	-38.2	242.0	14.1	12.4	6.6	329.4	330.9	0.4	67.8	5.9	268.
28.9	88.7	9496.6	300.0	-40.0	-43.9	237.7	18.8	15.9	10.1	329.0	999.9	99.9	999.9	4.3	279.
30.6	93.0	10065.0	275.0	-44.5	-48.5	231.7	23.7	18.6	14.7	330.6	999.9	99.9	999.9	3.2	307.
32.8	97.8	10720.5	250.0	-47.9	-51.9	234.9	31.8	26.0	18.3	334.6	999.9	99.9	999.9	4.2	31.
35.1	102.8	11407.9	225.0	-53.3	-57.3	231.4	31.3	24.4	19.5	336.6	999.9	99.9	999.9	7.9	31.
37.9	108.0	12159.1	200.0	-57.1	-61.1	233.0	33.9	27.1	20.4	342.4	999.9	99.9	999.9	13.0	39.
41.3	114.0	12996.7	175.0	-61.7	-65.7	234.9	32.1	26.3	18.5	348.2	999.9	99.9	999.9	19.7	44.
44.8	120.0	13946.5	150.0	-61.3	-65.3	253.3	27.9	26.7	8.0	364.5	999.9	99.9	999.9	26.2	48.
49.0	127.2	15079.5	125.0	-60.1	-64.1	272.6	17.8	17.8	-0.8	386.2	999.9	99.9	999.9	30.9	54.
54.3	135.3	16467.3	100.0	-62.3	-66.3	999.9	99.9	99.9	99.9	407.4	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
HINTON, OKLAHOMA

20 MAY 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.5	507.0	951.9	20.9	17.9	50.0	4.0	-3.1	-2.6	298.2	334.4	13.7	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	11.7	524.4	950.0	21.2	18.7	53.1	5.8	-4.7	-3.5	298.7	337.0	14.5	85.7	0.1	305.
0.7	14.1	756.3	925.0	19.9	19.4	58.4	8.5	-7.3	-4.5	299.7	340.7	15.5	96.9	0.4	224.
1.3	16.5	992.8	900.0	18.1	17.5	58.6	5.5	-4.7	-2.8	300.2	337.6	14.1	95.9	0.7	231.
2.0	18.8	1234.4	875.0	17.0	15.8	329.8	1.7	0.9	-1.5	301.5	336.5	13.1	92.7	0.7	232.
2.8	21.3	1462.8	850.0	18.2	9.9	287.4	4.1	4.0	-1.2	305.3	330.6	9.2	58.9	0.7	225.
3.5	23.8	1738.5	825.0	17.5	6.3	285.6	8.2	7.9	-2.2	307.2	327.7	7.3	47.5	0.6	201.
4.4	26.3	2001.0	800.0	16.3	5.3	277.1	11.8	11.7	-1.4	308.5	328.4	7.0	48.0	0.8	156.
5.2	28.9	2270.4	775.0	14.7	3.7	277.3	12.1	12.0	-1.5	309.6	328.1	6.5	47.5	1.1	130.
6.1	31.4	2547.1	750.0	13.3	2.9	279.3	11.3	11.1	-1.8	311.0	329.3	6.3	49.5	1.7	119.
7.0	34.1	2831.8	725.0	11.2	2.9	275.8	10.1	10.0	-1.0	311.8	330.8	6.6	56.6	2.3	114.
7.9	36.8	3123.8	700.0	9.2	-1.9	270.2	8.9	8.9	-0.0	312.7	326.8	4.8	45.5	2.8	110.
9.0	39.6	3424.0	675.0	6.5	-6.4	259.2	8.4	8.3	1.6	313.0	323.6	3.5	39.0	3.3	106.
10.0	42.3	3732.2	650.0	3.8	-8.7	241.8	9.8	8.6	4.6	313.2	322.5	3.1	39.6	3.7	101.
10.9	45.1	4049.5	625.0	1.1	-18.0	234.5	10.7	8.7	6.2	313.5	318.5	1.5	22.5	4.2	95.
12.0	48.0	4376.8	600.0	-0.0	-32.5	239.1	11.6	9.9	5.9	316.1	317.5	0.4	6.5	4.7	90.
13.1	51.0	4716.9	575.0	-1.9	-39.4	246.2	12.9	11.8	5.2	317.8	318.5	0.2	3.7	5.5	86.
14.2	54.0	5068.6	550.0	-4.2	-40.4	253.8	15.0	14.4	4.2	319.1	319.8	0.2	4.0	6.3	84.
15.3	57.2	5433.6	525.0	-6.9	-41.7	254.3	17.4	16.8	4.7	320.1	320.8	0.2	4.3	7.4	83.
16.5	60.4	5812.5	500.0	-9.3	-47.4	249.2	16.9	15.8	6.0	321.7	322.4	0.2	5.4	8.7	81.
17.7	63.6	6207.1	475.0	-12.4	-36.5	247.8	15.8	14.6	6.0	323.0	324.3	0.4	11.7	9.9	79.
19.2	67.0	6617.9	450.0	-15.4	-46.1	251.6	14.3	13.5	4.5	324.0	324.5	0.1	5.2	11.1	78.
20.6	70.4	7047.3	425.0	-18.3	-36.0	256.2	13.6	13.2	3.3	325.5	327.1	0.4	20.1	12.3	78.
22.3	74.1	7456.3	400.0	-22.4	-31.5	249.3	14.6	13.7	5.2	325.9	328.3	0.7	43.2	13.6	78.
23.7	77.8	7967.5	375.0	-25.7	-29.3	246.1	17.8	16.3	7.2	327.4	330.6	0.9	71.5	15.1	76.
25.2	81.7	8463.9	350.0	-29.2	-36.6	255.3	16.7	16.1	4.2	329.4	331.1	0.5	48.2	16.6	76.
27.0	85.8	8989.2	325.0	-32.8	-43.1	258.9	27.0	26.5	5.2	331.5	332.5	0.3	50.6	18.6	76.
28.8	90.0	9547.9	300.0	-37.0	-43.5	255.2	47.7	46.1	12.2	333.2	334.2	0.3	50.6	22.8	75.
30.9	94.5	10144.0	275.0	-41.6	99.9	249.5	43.3	40.5	15.1	335.0	999.9	99.9	999.9	28.8	75.
33.2	98.2	10783.4	250.0	-46.7	99.9	250.2	40.2	37.9	13.6	336.4	999.9	99.9	999.9	34.3	74.
35.7	104.2	11475.9	225.0	-51.0	99.9	253.2	34.8	33.3	10.1	340.3	999.9	99.9	999.9	40.3	74.
38.4	109.6	12332.1	200.0	-57.0	99.9	253.8	21.5	20.6	6.0	342.2	999.9	99.9	999.9	44.9	74.
41.4	115.5	13067.2	175.0	-61.8	99.9	254.0	18.4	17.6	5.1	348.0	999.9	99.9	999.9	48.1	74.
44.6	123.0	14009.5	150.0	-66.7	99.9	254.0	39.6	38.0	10.9	355.1	999.9	99.9	999.9	52.3	74.
48.0	129.0	15120.5	125.0	-82.2	99.9	254.0	31.2	30.0	8.6	382.3	999.9	99.9	999.9	61.8	74.
51.9	137.0	16495.6	100.0	-83.0	99.9	999.9	99.9	99.9	99.9	406.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
 HINTON, OKLAHOMA

 20 MAY 1979
 2130 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PBT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	507.0	950.6	22.3	17.0	35.0	5.0	-2.9	-4.1	299.8	334.3	13.0	72.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	11.9	512.5	950.0	22.7	17.5	99.9	99.9	99.9	99.9	300.2	335.9	13.4	72.4	999.9	999.9
0.0	14.3	745.4	925.0	21.8	16.5	99.9	99.9	99.9	99.9	301.6	336.3	12.9	72.2	999.9	999.9
1.8	16.7	982.9	900.0	19.3	16.1	999.9	99.9	99.9	99.9	301.4	335.9	12.9	81.5	1.5 225.	2.1 228.
2.8	19.2	1225.1	875.0	17.1	15.3	61.9	11.1	-9.8	-5.2	301.4	335.5	12.6	88.9	2.1 228.	2.1 228.
3.6	21.7	1472.9	850.0	16.4	14.7	76.4	8.5	-8.2	-2.0	303.3	337.1	12.5	89.8	2.6 232.	2.6 232.
4.4	24.3	1727.3	825.0	15.2	12.3	92.2	4.4	-4.4	0.2	304.7	334.7	11.0	82.4	2.8 235.	2.8 235.
5.2	26.8	1568.6	800.0	14.8	8.1	999.9	99.9	99.9	99.9	306.9	330.8	8.6	64.7	999.9	999.9
6.0	29.3	2258.0	775.0	15.1	6.1	999.9	99.9	99.9	99.9	310.8	331.9	7.7	55.0	999.9	999.9
6.9	31.9	2535.1	750.0	13.1	5.1	999.9	99.9	99.9	99.9	310.8	331.8	7.4	58.3	999.9	999.9
7.9	34.6	2819.4	725.0	10.9	1.2	999.9	99.9	99.9	99.9	311.4	328.3	5.8	51.3	999.9	999.9
9.0	37.3	3111.1	700.0	8.7	-1.9	999.9	99.9	99.9	99.9	312.1	326.1	4.8	47.2	2.5 237.	2.5 237.
9.9	40.0	3410.5	675.0	5.9	-4.3	236.8	5.7	4.7	3.1	312.2	324.5	4.1	48.1	2.3 237.	2.3 237.
10.8	42.8	3718.4	650.0	3.3	-2.9	236.2	9.0	7.5	5.0	312.7	326.9	4.8	63.9	1.9 237.	1.9 237.
11.9	45.7	4035.4	625.0	0.5	-2.7	236.3	9.4	7.8	5.2	313.1	327.9	5.0	78.9	1.2 237.	1.2 237.
13.0	48.6	4362.2	600.0	-1.7	-5.2	282.1	6.0	5.8	1.9	314.1	327.1	4.3	76.8	0.7 235.	0.7 235.
14.1	51.6	4700.0	575.0	-4.2	-8.1	286.7	3.1	3.0	-0.9	315.0	326.0	3.6	74.6	0.5 219.	0.5 219.
15.4	54.6	5048.8	550.0	-7.3	-9.7	343.9	3.8	1.1	-3.7	315.4	325.6	3.3	83.2	0.5 202.	0.5 202.
16.4	57.8	5410.5	525.0	-9.1	-10.5	319.6	9.4	6.1	-7.1	317.5	327.6	3.3	89.1	0.9 188.	0.9 188.
17.6	60.9	5787.2	500.0	-11.0	-12.2	268.2	15.5	15.4	0.5	319.4	329.0	3.0	90.9	1.3 147.	1.3 147.
19.0	64.1	6175.8	475.0	-13.5	-14.8	999.9	99.9	99.9	99.9	321.3	329.4	2.6	89.9	999.9	999.9
20.4	67.4	6590.3	450.0	-15.4	-16.8	999.9	99.9	99.9	99.9	323.9	331.3	2.3	83.1	999.9	999.9
21.7	70.9	7020.3	425.0	-17.6	-19.0	999.9	99.9	99.9	99.9	326.4	333.0	2.0	88.6	999.9	999.9
23.2	74.4	7472.3	400.0	-20.2	-22.1	999.9	99.9	99.9	99.9	328.7	334.1	1.6	84.8	999.9	999.9
24.9	79.0	7947.9	375.0	-23.6	-25.9	999.9	99.9	99.9	99.9	330.4	334.6	1.2	80.7	999.9	999.9
26.4	81.9	8449.9	350.0	-26.1	-28.7	999.9	99.9	99.9	99.9	333.5	337.1	1.0	78.9	999.9	999.9
27.9	85.8	8981.7	325.0	-30.2	-33.6	999.9	99.9	99.9	99.9	335.1	337.5	0.7	72.1	999.9	999.9
29.5	90.0	9545.9	300.0	-34.7	-38.5	999.9	99.9	99.9	99.9	336.2	338.1	0.4	67.9	999.9	999.9
31.4	94.3	10147.7	275.0	-39.5	99.9	999.9	99.9	99.9	99.9	338.1	338.1	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
 HINTON, OKLAHOMA

 21 MAY 1979
 205 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.8	507.0	952.5	17.8	17.8	10.0	5.0	-0.9	-4.9	295.0	330.4	13.6	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	11.1	529.6	950.0	16.3	17.4	32.4	9.7	-5.2	-8.2	295.6	330.4	13.3	94.1	0.2	199.
1.2	13.5	758.3	925.0	17.0	15.9	50.3	11.0	-8.4	-7.0	296.7	329.2	12.4	93.2	0.6	212.
2.1	15.8	992.6	900.0	16.8	9.9	66.8	10.8	-10.0	-4.3	298.9	322.0	8.6	63.7	1.2	228.
3.1	19.3	1232.6	875.0	16.2	7.3	69.5	9.4	-8.8	-3.3	300.7	320.9	7.4	55.5	1.8	236.
4.0	20.7	1479.5	850.0	16.2	5.9	66.1	8.2	-7.8	-3.4	303.1	323.3	6.9	50.3	2.3	238.
5.1	23.2	1732.7	825.0	13.8	4.5	99.9	99.9	99.9	99.9	303.2	321.2	6.4	53.2	999.9	999.9
6.1	25.7	1991.9	800.0	12.9	5.5	99.9	99.9	99.9	99.9	304.9	324.8	7.1	60.6	999.9	999.9
7.3	28.3	2258.0	775.0	10.3	4.8	99.9	99.9	99.9	99.9	304.6	324.5	7.0	69.1	999.9	999.9
8.5	30.9	2530.0	750.0	7.8	5.0	99.9	99.9	99.9	99.9	305.0	325.0	7.3	82.7	3.0	253.
10.1	33.5	2809.5	725.0	6.0	4.6	125.8	2.3	-1.9	1.4	306.1	326.6	7.4	90.3	3.1	258.
11.9	36.0	3056.3	700.0	4.0	2.9	78.7	3.2	-3.2	-0.6	306.9	326.1	6.8	92.5	3.3	259.
13.4	38.9	3391.4	675.0	1.7	0.6	65.4	2.3	-2.1	-0.8	307.5	324.5	5.9	92.5	3.6	258.
14.9	41.6	3695.7	650.0	0.6	-0.4	139.7	0.9	-0.6	0.7	309.7	326.3	5.7	93.0	3.7	258.
16.7	44.3	4010.4	625.0	-0.9	-1.8	99.9	99.9	99.9	99.9	311.4	327.1	5.4	93.9	3.7	261.
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
HINTON, OKLAHOMA21 MAY 1979
005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KN	AZ DG
0.0	11.0	507.0	954.2	17.2	17.2	60.0	3.0	-2.6	-1.5	294.3	328.2	13.1	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	11.4	544.9	950.0	17.3	16.9	65.7	5.1	-4.7	-2.1	294.7	328.2	12.9	99.9	0.1	296.
1.0	13.6	773.5	925.0	16.9	15.9	68.2	7.7	-7.2	-2.9	298.6	329.2	12.4	93.3	0.4	234.
1.9	16.2	1007.5	900.0	15.7	12.4	62.8	4.3	-3.8	-2.0	297.7	324.3	10.2	80.7	0.7	239.
2.8	18.6	1246.8	875.0	14.7	8.8	66.6	2.2	-2.2	-0.1	299.1	321.3	8.2	67.6	0.8	240.
3.7	21.0	1491.8	850.0	13.2	7.5	64.9	3.0	-3.0	-0.3	300.7	321.0	7.7	68.2	1.0	245.
4.6	23.5	1742.9	825.0	11.4	8.5	96.9	1.5	-1.5	0.2	300.7	321.7	8.5	82.1	1.1	246.
5.6	26.0	1999.7	800.0	9.3	8.1	195.4	1.2	0.3	1.2	301.0	324.3	8.5	92.1	1.1	249.
6.6	28.5	2243.4	775.0	8.1	7.2	157.9	1.8	-0.7	1.7	302.5	325.3	8.3	94.1	1.0	251.
7.6	31.1	2534.1	750.0	6.9	5.8	78.9	5.5	-5.4	-1.1	304.1	325.6	7.8	92.6	1.2	253.
8.8	33.7	2813.0	725.0	5.7	5.0	72.5	7.6	-7.2	-2.3	305.7	326.9	7.6	94.9	1.7	254.
9.9	36.4	3100.1	700.0	3.8	3.1	62.6	7.4	-6.6	-3.4	308.7	326.1	6.9	95.1	2.2	252.
10.9	39.1	3395.0	675.0	1.5	0.8	52.8	7.0	-5.6	-4.3	307.3	324.5	6.0	94.8	2.7	250.
12.4	41.9	3699.2	650.0	0.6	-0.2	99.9	99.9	99.9	99.9	309.6	326.5	5.8	94.4	3.2	246.
14.0	44.7	4014.3	625.0	-0.7	-1.2	99.9	99.9	99.9	99.9	311.7	328.1	5.6	96.3	999.9	999.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
HINTON, OKLAHOMA21 MAY 1979
805 GMT

121 118. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.4	507.0	953.6	16.9	10.9	80.0	2.0	-2.0	-0.3	294.6	327.3	12.8	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
0.1	11.8	539.4	950.0	16.6	10.3	93.9	3.6	-3.6	0.2	294.0	326.3	12.4	99.9	0.1	278.
0.9	14.2	767.2	925.0	16.4	14.2	95.1	6.0	-6.0	0.5	296.1	325.3	11.1	86.4	0.3	247.
1.6	16.6	1000.8	900.0	15.2	13.1	86.0	7.5	-7.5	-0.5	297.2	325.4	10.6	87.1	0.6	259.
2.5	19.0	1239.5	875.0	13.7	10.8	88.4	7.7	-7.7	-0.2	298.0	323.0	9.3	82.7	1.0	260.
3.4	21.6	1484.0	850.0	12.5	10.3	85.8	5.9	-5.9	-0.4	299.2	324.4	9.3	86.6	1.4	263.
4.2	24.1	1734.6	825.0	11.5	8.8	74.7	5.0	-4.8	-1.3	300.7	324.4	8.7	83.7	1.7	263.
5.1	26.6	1991.6	800.0	9.5	8.0	68.6	4.6	-4.3	-1.7	301.3	324.5	8.5	90.1	1.9	261.
6.0	29.2	2255.2	775.0	8.2	6.7	72.8	6.6	-6.4	-2.0	302.4	324.6	8.0	90.3	2.2	260.
7.0	31.9	2525.9	750.0	6.4	4.7	74.0	9.9	-9.5	-2.7	303.6	323.6	7.2	88.8	2.6	259.
7.8	34.5	2804.2	725.0	5.3	2.9	77.5	10.1	-9.9	-2.2	305.6	323.9	6.5	82.8	3.2	258.
8.9	37.2	3090.9	700.0	3.7	2.2	78.2	8.8	-8.6	-1.8	306.4	324.8	6.4	89.9	3.8	258.
9.9	40.0	3386.3	675.0	2.8	1.1	75.8	9.1	-8.8	-2.2	308.7	326.4	6.2	88.8	4.3	258.
10.9	42.8	3691.6	650.0	1.2	-0.5	70.9	10.4	-9.8	-3.4	310.3	326.9	5.7	88.5	5.0	258.
11.9	45.6	4007.2	625.0	-0.1	-1.0	73.6	5.6	-5.3	-1.6	312.4	329.1	5.7	93.6	5.5	257.
13.0	48.6	4333.0	600.0	-2.8	-3.5	102.7	2.0	-1.9	0.4	312.9	327.5	4.9	94.3	5.7	257.
14.0	51.5	4670.1	575.0	-4.3	-5.1	155.8	1.5	-0.6	1.4	315.0	328.6	4.6	94.2	5.7	258.
15.0	54.6	5019.9	550.0	-6.1	-6.9	173.1	1.6	-0.2	1.5	316.9	329.4	4.1	93.9	5.7	259.
16.0	57.6	5383.7	525.0	-8.0	-8.7	212.1	2.8	1.5	2.4	318.9	330.5	3.8	94.2	5.7	260.
17.3	60.9	5761.6	500.0	-10.4	-11.1	223.2	4.8	3.3	3.5	320.4	330.6	3.3	93.9	5.4	261.
18.5	64.1	6155.4	475.0	-12.4	-13.7	231.3	6.1	4.7	3.8	322.7	331.6	2.8	90.1	5.1	264.
19.6	67.5	6567.2	450.0	-14.8	-16.2	233.8	8.8	7.1	5.2	324.7	332.4	2.4	88.6	4.7	267.
20.9	71.0	6957.6	425.0	-17.7	-20.4	229.3	12.6	9.6	8.2	326.3	331.3	1.5	66.4	4.1	273.
22.3	74.6	7448.7	400.0	-21.3	-25.2	222.9	14.4	9.8	10.6	327.4	331.2	1.1	64.3	3.4	288.
23.6	78.3	7921.8	375.0	-24.8	-27.6	220.3	17.0	11.0	13.0	328.7	332.4	1.0	77.6	3.1	309.
24.9	82.1	8420.0	350.0	-28.8	-30.4	211.4	20.3	10.6	17.3	329.5	332.9	0.9	86.4	3.5	333.
26.5	86.1	8944.9	325.0	-34.0	-43.4	206.7	25.9	11.6	23.1	329.9	330.9	0.3	41.3	5.0	353.
28.3	93.3	9500.5	300.0	-38.6	-47.9	205.9	29.5	12.9	26.6	331.0	331.0	0.0	1.0	8.0	6.
30.3	94.7	10093.4	275.0	-42.4	-49.9	200.3	28.4	9.9	26.7	333.9	999.9	99.9	999.9	11.4	12.
32.3	99.4	10730.7	250.0	-47.5	-49.9	202.9	27.6	10.7	25.4	335.2	999.9	99.9	999.9	14.6	13.
34.7	104.4	11418.0	225.0	-53.2	-49.9	208.8	29.7	14.3	28.0	336.9	999.9	99.9	999.9	18.6	16.
37.3	109.6	12167.0	200.0	-59.0	-49.9	213.9	29.0	16.2	28.0	339.3	999.9	99.9	999.9	23.1	19.
40.1	115.5	12994.5	175.0	-63.9	-49.9	224.9	31.1	22.0	22.1	344.4	999.9	99.9	999.9	27.8	23.
43.4	121.7	13934.1	150.0	-63.1	-49.9	236.9	32.8	27.4	17.9	361.4	999.9	99.9	999.9	34.2	28.
47.7	128.7	15042.3	125.0	-61.2	-49.9	999.9	99.9	99.9	99.9	384.2	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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STATION NO. 32
 HINTON, OKLAHOMA

 21 MAY 1979
 1108 GMT

127 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP BG C	DEW PT BG C	DIR BG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PBT T BG K	E PBT T BG K	MZ RYB GM/KG	RH PCT	RANGE KM	AZ BG
0.0	10.5	587.0	952.9	17.0	17.0	70.0	3.0	-2.0	-1.0	294.2	327.7	12.9	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	10.8	532.1	958.0	17.0	18.4	52.2	13.8	-11.1	-8.3	294.5	327.0	12.5	99.9	0.2	277.
1.0	13.1	761.1	925.0	16.0	15.0	41.4	27.6	-18.3	-20.7	295.7	326.5	11.7	94.0	1.0	221.
1.8	15.5	904.4	900.0	14.7	13.9	41.2	28.7	-18.9	-21.6	296.7	326.3	11.2	94.6	2.5	221.
2.7	17.9	1232.9	875.0	13.3	12.5	41.3	28.7	-17.6	-20.0	297.7	325.4	10.5	94.7	4.0	221.
3.5	20.4	1477.1	850.0	12.1	10.8	45.4	12.9	-9.2	-6.2	302.8	324.7	9.7	91.9	4.9	221.
4.4	22.9	1727.4	825.0	11.4	9.2	48.2	8.6	-6.0	-5.2	308.6	324.0	8.9	86.2	5.4	222.
5.2	25.4	1985.0	800.0	10.7	6.9	99.9	99.9	99.9	99.9	302.2	324.1	7.8	77.4	99.9	99.9
6.0	27.9	2249.5	775.0	9.0	5.0	99.9	99.9	99.9	99.9	304.1	324.0	7.1	73.3	99.9	99.9
6.8	30.5	2521.3	750.0	7.5	3.4	99.9	99.9	99.9	99.9	308.6	323.1	6.5	74.8	99.9	99.9
7.6	33.1	2798.6	725.0	4.7	1.1	99.9	99.9	99.9	99.9	308.6	320.8	5.7	77.5	99.9	99.9
8.6	35.8	3085.4	700.0	3.2	1.6	99.9	99.9	99.9	99.9	306.1	323.5	6.1	88.9	99.9	99.9
9.6	38.4	3379.9	675.0	1.5	0.4	99.9	99.9	99.9	99.9	307.2	324.1	5.9	92.3	99.9	99.9
10.7	41.2	3683.9	650.0	-0.1	-1.4	99.9	99.9	99.9	99.9	308.9	324.3	5.3	90.7	99.9	99.9
11.6	44.0	3998.0	625.0	-1.2	-2.3	99.9	99.9	99.9	99.9	311.1	326.3	5.2	91.8	99.9	99.9
12.8	47.0	4323.2	600.0	-2.7	-5.8	99.9	99.9	99.9	99.9	313.0	325.3	4.1	79.1	99.9	99.9
13.9	49.9	4658.8	575.0	-4.4	-10.6	99.9	99.9	99.9	99.9	314.9	324.0	3.0	61.8	99.9	99.9
15.1	52.9	5005.8	550.0	-5.4	-15.6	99.9	99.9	99.9	99.9	317.7	323.8	1.9	40.9	99.9	99.9
16.0	55.9	5375.5	525.0	-7.5	-18.8	99.9	99.9	99.9	99.9	319.4	323.2	1.0	52.8	4.2	208.
17.3	59.1	5751.1	500.0	-10.4	-18.3	240.1	11.9	11.2	4.3	320.1	325.9	1.0	63.8	3.6	198.
18.6	62.3	6144.3	475.0	-12.9	-18.3	268.2	9.1	9.1	0.3	322.6	328.2	1.0	76.8	3.6	188.
19.9	65.6	6554.1	450.0	-16.7	-19.8	285.3	6.7	6.5	-1.7	322.3	328.0	1.0	76.8	3.6	188.
21.2	68.0	6981.1	425.0	-19.6	-22.6	273.2	5.8	5.8	-0.3	323.8	328.6	1.5	76.8	3.6	173.
22.5	72.6	7429.0	400.0	-23.4	-29.1	254.2	7.7	7.4	2.1	324.6	327.7	0.9	60.7	3.6	173.
23.8	76.3	7897.6	375.0	-27.9	-33.4	244.9	12.3	11.2	5.2	324.7	326.2	0.4	40.8	3.5	161.
25.4	80.1	8390.0	350.0	-31.0	-39.6	234.6	15.7	12.8	9.1	324.7	326.2	0.0	1.0	3.5	136.
27.1	84.0	8911.0	325.0	-35.2	-43.4	233.5	20.0	16.1	11.9	324.7	326.2	0.0	1.0	4.0	113.
28.8	88.2	9463.6	300.0	-39.6	-47.7	234.6	25.9	19.9	17.5	329.2	328.3	99.9	99.9	5.5	91.
29.8	92.6	10057.1	275.0	-42.3	-50.9	234.6	29.3	23.9	17.0	334.0	328.3	99.9	99.9	8.7	75.
31.0	97.2	10693.6	250.0	-47.7	-55.9	234.6	32.7	26.5	19.1	335.1	328.3	99.9	99.9	12.4	69.
33.1	102.2	11380.6	225.0	-53.1	-60.9	234.6	38.3	31.1	22.3	337.2	328.3	99.9	99.9	17.0	65.
35.3	107.4	12129.2	200.0	-59.1	-66.9	234.6	38.7	31.9	21.9	339.2	328.3	99.9	99.9	23.3	62.
38.0	113.2	12966.6	175.0	-62.6	-72.6	234.6	37.4	31.8	19.7	346.6	328.3	99.9	99.9	30.0	61.
40.9	119.5	13911.5	150.0	-60.9	-72.6	234.6	37.4	31.8	19.7	346.6	328.3	99.9	99.9	36.4	60.
44.3	126.7	15045.9	125.0	-61.7	-72.6	234.6	37.4	31.8	19.7	346.6	328.3	99.9	99.9	36.4	60.
48.2	134.7	16428.7	100.0	-62.6	-72.6	234.6	37.4	31.8	19.7	346.6	328.3	99.9	99.9	36.4	60.
52.7	144.7	17428.7	75.0	-62.6	-72.6	234.6	37.4	31.8	19.7	346.6	328.3	99.9	99.9	36.4	60.
59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
KTVY, OKLAHOMA

20 MAY 1979
1100 GMT

123 115. 0

TIME MIN	CNTY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.2	363.0	966.6	22.0	21.0	360.0	0.0	0.0	0.0	298.2	341.0	16.4	94.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	11.6	514.5	950.0	22.2	21.2	228.5	1.8	1.3	1.2	299.7	344.4	17.0	94.2	0.1	2.
1.0	14.1	747.3	925.0	22.1	19.5	243.6	2.9	2.6	1.3	301.5	343.5	15.6	85.0	0.1	14.
1.8	15.5	986.0	900.0	20.3	18.0	266.0	5.1	5.1	0.4	302.5	341.5	14.6	86.2	0.3	53.
2.5	19.0	1229.5	875.0	18.2	17.0	268.7	9.2	9.2	0.2	302.7	340.5	14.1	92.5	0.5	72.
3.3	21.5	1478.9	850.0	17.9	15.9	266.4	15.3	15.3	1.0	304.5	341.6	13.5	87.9	1.2	81.
4.2	24.0	1735.8	825.0	20.1	6.2	265.5	15.6	15.6	1.2	309.9	330.5	7.2	40.1	2.0	83.
5.3	26.6	2000.6	800.0	18.3	4.6	267.1	16.4	16.3	0.8	310.2	329.8	6.7	40.4	3.0	88.
6.4	29.2	2271.6	775.0	15.8	6.5	267.1	17.0	16.9	0.9	310.5	333.3	7.9	53.8	4.1	85.
7.5	31.9	2549.2	750.0	13.5	5.0	270.5	16.6	16.6	-0.1	311.2	332.2	7.3	56.4	5.2	86.
8.6	34.6	2833.8	725.0	10.8	3.3	271.0	16.0	16.0	-0.3	311.3	330.7	6.7	59.9	6.3	86.
9.6	37.3	3125.6	700.0	8.3	-0.3	270.1	15.0	15.0	-0.0	311.7	327.5	5.4	54.8	7.2	87.
10.4	42.1	3425.3	675.0	6.3	-3.3	255.9	13.2	13.0	2.3	312.7	325.9	4.4	50.1	8.0	87.
11.4	43.9	3733.4	650.0	3.7	-3.0	245.6	12.6	11.5	5.2	313.1	327.2	4.7	61.8	8.6	88.
12.4	45.8	4050.9	625.0	1.2	-5.8	236.4	11.8	9.9	6.6	313.9	325.8	4.0	59.2	9.3	88.
13.6	48.8	4377.9	600.0	-1.5	-10.6	233.7	11.7	9.5	6.9	314.4	323.1	2.9	50.0	10.1	82.
14.8	51.8	4715.4	575.0	-4.2	-15.5	231.8	11.5	9.0	7.1	315.1	321.3	2.0	41.0	10.8	79.
16.0	54.8	5064.0	550.0	-7.4	-19.3	242.1	12.5	11.1	5.9	315.4	320.2	1.5	37.9	11.6	78.
17.3	57.9	5425.8	525.0	-8.2	-37.7	249.3	17.0	15.9	6.0	318.6	319.6	0.3	7.1	12.7	77.
18.7	61.1	5802.3	500.0	-11.1	-39.4	253.9	20.8	20.0	5.0	319.5	320.3	0.2	7.2	14.3	76.
20.0	64.4	6154.6	475.0	-13.4	-45.5	261.4	20.7	20.4	3.1	321.4	321.9	0.1	4.7	15.9	76.
21.3	67.8	6603.2	450.0	-16.9	-43.3	262.8	20.3	20.1	2.5	322.0	322.6	0.2	8.0	17.5	77.
23.2	71.3	7030.4	425.0	-18.9	-45.6	265.4	20.5	20.4	1.6	324.7	325.3	0.1	7.4	19.9	78.
25.2	74.9	7480.9	400.0	-20.4	-31.8	261.0	19.8	19.6	3.1	328.5	330.8	0.7	34.9	22.3	78.
27.1	78.6	7954.9	375.0	-23.5	-35.3	261.8	18.8	18.6	2.7	330.3	332.3	0.5	32.7	24.4	79.
29.0	82.3	8456.9	350.0	-27.7	-38.2	263.0	19.4	19.2	2.4	331.4	332.8	0.4	35.9	26.4	79.
31.0	85.3	8984.5	325.0	-32.6	-44.8	260.7	26.4	26.1	4.3	331.6	332.6	0.2	28.3	29.2	79.
33.5	90.5	9543.2	300.0	-37.0	-46.0	259.6	28.1	27.6	5.0	333.2	334.0	0.2	38.2	33.4	79.
35.8	94.8	10137.9	275.0	-42.0	99.9	267.5	25.9	25.9	1.1	334.4	999.9	99.9	999.9	37.0	80.
38.8	99.6	10777.7	250.0	-46.8	99.9	272.2	25.5	25.5	-1.0	336.4	999.9	99.9	999.9	41.4	81.
41.4	104.5	11467.4	225.0	-52.8	99.9	273.4	25.5	25.4	-1.5	337.7	999.9	99.9	999.9	45.4	82.
44.2	109.8	12217.0	200.0	-58.5	99.9	274.6	26.1	26.0	-2.1	340.2	999.9	99.9	999.9	49.5	83.
47.2	115.6	13042.6	175.0	-65.4	99.9	274.7	28.8	28.8	-2.4	342.0	999.9	99.9	999.9	54.4	84.
50.9	123.0	13968.5	150.0	-70.1	99.9	266.0	31.6	31.6	2.2	349.3	999.9	99.9	999.9	60.9	85.
54.9	129.0	15067.4	125.0	-85.0	99.9	266.5	39.9	39.5	2.5	377.2	999.9	99.9	999.9	69.5	85.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
 KTVV, OKLAHOMA

 20 MAY 1979
 1407 GMT

127 100. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	363.0	968.6	23.5	19.0	60.0	3.0	-2.6	-1.5	299.4	337.6	14.5	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.5	11.5	531.9	550.0	20.4	18.9	54.0	2.1	-1.7	-1.2	297.8	336.4	14.7	91.6	0.2	245.
1.4	13.6	763.1	925.0	20.1	19.5	329.6	1.4	0.7	-1.2	299.9	341.3	15.7	96.3	0.3	244.
2.3	16.2	1000.4	900.0	19.3	18.5	299.9	2.3	2.0	-1.2	301.4	341.6	15.1	95.1	0.2	217.
3.2	18.7	1243.2	875.0	18.1	17.0	315.8	3.5	2.5	-2.5	302.6	340.3	14.1	93.2	0.2	185.
4.1	21.1	1491.6	850.0	16.5	14.8	303.5	5.7	4.7	-3.1	303.5	337.4	12.6	89.2	0.4	154.
5.0	23.6	1748.1	825.0	14.9	12.5	286.1	7.1	6.8	-2.0	304.4	334.9	11.2	85.5	0.7	140.
5.8	26.1	2008.1	800.0	16.5	8.5	269.7	8.0	8.0	0.0	308.8	330.4	7.6	51.5	1.0	123.
6.7	28.7	2278.0	775.0	14.8	5.8	278.3	9.3	9.3	-1.4	309.8	331.1	7.5	54.6	1.4	114.
7.6	31.3	2554.9	750.0	13.0	3.7	280.9	10.2	10.0	-1.9	310.7	330.0	6.7	53.4	2.0	110.
8.8	33.9	2839.3	725.0	11.4	-0.1	277.1	9.3	9.2	-1.2	312.0	327.4	5.3	44.9	2.6	108.
9.8	36.6	3131.6	700.0	9.1	-2.0	266.9	9.0	8.9	0.5	312.6	326.6	4.7	45.8	3.2	105.
10.9	39.3	3431.5	675.0	6.3	-4.7	254.9	9.2	8.9	2.4	312.7	326.2	4.5	51.2	3.8	101.
12.1	42.1	3739.3	650.0	3.4	-7.0	244.1	9.7	8.7	4.3	312.6	325.3	4.2	55.2	4.3	97.
13.4	45.0	4056.0	625.0	0.1	-9.3	236.8	11.5	9.7	6.3	312.6	321.8	3.0	49.1	5.0	91.
14.6	47.8	4382.5	600.0	-1.4	-14.9	239.7	12.6	10.9	6.3	314.5	320.8	2.0	34.7	5.7	86.
15.9	50.8	4720.0	575.0	-3.6	-26.7	244.5	13.1	11.8	5.6	315.2	318.4	0.8	15.3	6.7	83.
17.3	53.8	5070.4	550.0	-4.9	-38.2	254.2	14.1	13.6	3.8	318.2	319.2	0.3	5.3	7.7	81.
18.6	56.9	5433.5	525.0	-8.3	-37.8	259.4	16.9	16.6	3.1	318.4	319.4	0.3	7.1	8.9	80.
20.0	60.0	5810.3	500.0	-10.5	-39.1	257.1	18.3	17.8	4.1	320.3	321.2	0.3	7.3	10.5	80.
21.5	63.3	6203.2	475.0	-13.3	-42.5	255.2	18.0	17.4	4.6	321.6	322.3	0.2	6.4	12.1	80.
23.0	66.6	6612.9	450.0	-15.8	-44.0	260.6	18.1	17.8	3.0	323.4	324.0	0.2	6.7	13.7	79.
24.7	70.0	7041.6	425.0	-18.5	-39.6	264.2	15.3	15.3	1.5	325.2	326.3	0.3	13.6	15.4	80.
26.4	73.5	7491.1	400.0	-22.3	-38.7	251.2	16.2	15.3	5.2	326.0	327.2	0.3	20.9	17.0	80.
28.4	77.1	7922.6	375.0	-24.8	-27.6	251.4	19.7	18.7	6.3	328.7	332.3	1.0	77.3	19.1	78.
30.2	81.0	8460.0	350.0	-29.5	-35.5	265.7	23.7	23.6	1.8	329.0	330.9	0.5	55.6	21.3	78.
32.0	84.9	8985.4	325.0	-32.9	-47.5	266.6	29.4	29.4	1.7	331.3	331.9	0.2	21.4	24.2	80.
34.1	89.0	9544.0	300.0	-36.8	-49.3	258.9	34.5	33.9	6.7	333.5	334.1	0.1	25.7	28.3	80.
36.4	93.3	10140.8	275.0	-41.1	99.9	257.5	34.9	34.1	7.6	335.7	336.9	99.9	999.9	33.5	80.
39.3	98.0	10781.7	250.0	-46.0	99.9	257.0	34.0	33.2	7.6	337.7	339.9	99.9	999.9	39.0	79.
42.1	102.8	11474.5	225.0	-51.3	99.9	259.6	32.0	31.5	5.8	339.9	339.9	99.9	999.9	44.7	79.
45.2	108.2	12230.1	200.0	-57.0	99.9	263.2	28.4	28.2	3.4	342.5	339.9	99.9	999.9	50.2	79.
48.5	114.0	13064.2	175.0	-62.5	99.9	254.1	24.9	24.0	6.8	346.8	339.9	99.9	999.9	55.2	79.
52.0	123.2	14001.2	150.0	-68.5	99.9	253.8	28.9	27.7	8.0	352.1	339.9	99.9	999.9	60.6	79.
56.3	127.2	15103.7	125.0	-64.1	99.9	266.9	28.2	28.1	1.5	379.0	339.9	99.9	999.9	68.6	79.
61.0	135.0	16481.9	100.0	-60.9	99.9	999.9	99.9	99.9	99.9	410.2	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33 KTVY, OKLAHOMA													
20 MAY 1979													
1705 GMT													
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RM PCT
0.0	9.5	323.0	569.3	27.0	20.6	100.0	4.0	-3.9	0.7	302.8	345.5	16.0	65.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
0.7	11.1	540.2	950.0	23.0	19.3	77.6	2.0	-1.9	-0.4	300.6	340.5	15.0	79.5
1.6	13.5	773.0	925.0	20.8	19.3	58.5	1.8	-1.6	-1.0	300.5	341.6	15.5	91.6
2.5	15.9	1009.8	900.0	18.4	17.5	55.6	1.8	-1.5	-1.0	300.4	338.1	14.2	94.9
3.5	18.4	1212.4	875.0	17.8	16.8	50.9	2.6	-2.0	-1.6	302.3	339.6	13.9	93.6
4.3	20.9	1500.6	850.0	16.4	15.4	60.8	2.4	-2.1	-1.2	303.4	338.6	13.1	93.3
5.4	23.4	1755.5	825.0	15.9	13.3	111.7	1.8	-1.7	-1.2	305.4	337.5	11.7	94.5
6.4	25.9	2017.6	800.0	16.1	8.2	233.3	4.3	3.5	2.6	308.3	332.4	8.6	59.4
7.5	28.5	2287.6	775.0	14.9	6.2	258.0	7.0	7.0	0.2	309.5	331.9	7.7	55.8
8.5	31.1	2564.8	750.0	13.6	3.8	280.8	8.1	8.0	-1.5	311.3	330.7	6.7	51.5
9.6	33.7	2845.8	725.0	11.4	2.0	277.4	8.1	8.1	-1.0	312.0	329.9	6.2	52.5
10.9	36.4	3142.2	700.0	9.3	-3.2	268.3	7.3	7.2	0.2	312.6	325.6	4.3	41.1
12.0	39.2	3442.2	675.0	6.5	-5.0	261.3	7.7	7.6	1.2	313.0	324.7	3.9	43.5
13.1	42.0	3755.3	650.0	3.6	-6.6	253.3	9.7	9.3	2.8	313.0	323.8	3.6	47.0
14.2	44.8	4067.4	625.0	0.8	-7.2	244.1	12.2	11.0	5.3	313.3	324.1	3.6	54.9
15.4	47.8	4394.3	600.0	-1.2	-14.9	247.8	13.1	12.2	5.0	314.7	321.1	2.0	35.2
16.7	50.7	4732.8	575.0	-2.8	-23.3	263.1	14.3	14.2	1.7	316.7	320.0	1.0	18.9
17.9	53.8	5083.8	550.0	-5.2	-13.6	265.5	15.4	15.4	1.2	317.9	325.5	2.4	51.6
19.1	56.9	5447.5	525.0	-7.8	-11.5	299.9	99.9	99.9	99.9	319.1	328.5	3.0	74.4
20.4	60.0	5825.5	500.0	-10.3	-10.7	999.9	99.9	99.9	99.9	320.2	331.0	3.4	96.4
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
KTVY, OKLAHOMA

20 MAY 1979
2005 GMT

45 547. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.5	363.0	567.9	27.2	18.2	100.0	6.0	-5.9	1.0	303.2	340.2	13.8	58.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
0.5	10.9	527.6	550.0	24.5	16.8	64.9	7.2	-6.5	-3.1	302.0	336.4	12.8	62.4	0.2	221.
1.0	13.3	761.4	925.0	22.9	17.2	65.2	7.1	-6.4	-3.0	302.6	339.1	13.5	70.3	0.4	233.
1.6	15.6	999.7	900.0	20.1	16.6	57.0	6.5	-5.5	-3.6	302.3	338.2	13.4	80.1	0.6	239.
2.4	18.0	1242.6	875.0	17.8	16.4	53.5	6.2	-5.0	-3.7	302.3	338.8	13.6	91.8	0.9	236.
3.5	20.5	1490.8	850.0	16.2	14.0	58.8	4.3	-3.7	-2.2	303.1	335.4	11.9	86.7	1.3	236.
4.7	22.9	1745.2	825.0	15.1	12.8	77.0	2.0	-1.9	-0.4	304.5	335.6	11.4	86.2	1.5	237.
5.8	25.4	2006.1	800.0	13.3	13.3	149.6	2.4	-1.2	2.1	305.2	336.5	11.4	93.9	1.6	240.
6.8	28.0	2273.2	775.0	12.1	7.0	214.2	2.9	1.6	2.4	306.8	329.6	8.1	71.0	1.5	246.
7.8	30.6	2548.6	750.0	11.7	4.5	264.7	3.6	3.6	0.3	309.2	329.5	7.1	60.9	1.3	245.
8.7	33.1	2832.0	725.0	10.7	2.1	268.2	5.8	5.8	0.2	311.2	329.1	6.2	55.0	1.1	239.
9.8	35.8	3123.9	700.0	8.6	-0.8	262.0	6.2	6.2	0.9	312.0	327.3	5.2	51.7	0.7	226.
10.9	38.5	3423.2	675.0	5.6	-2.4	268.1	5.6	5.6	0.2	311.9	325.9	4.8	56.3	0.5	195.
12.1	41.2	3730.8	650.0	3.1	-5.3	267.5	6.5	6.5	0.3	312.5	324.4	4.0	53.9	0.5	153.
13.1	44.0	4047.4	625.0	0.9	-8.2	253.8	9.6	9.2	2.7	313.5	323.5	3.3	50.5	0.9	114.
14.6	46.8	4374.2	600.0	-1.8	-9.3	253.4	11.4	10.9	3.3	314.0	323.6	3.1	56.4	1.6	93.
16.1	49.8	4711.3	575.0	-4.2	-11.2	999.9	99.9	99.9	99.9	315.1	323.9	2.9	59.1	999.9	999.9
17.4	52.7	5061.0	550.0	-5.7	-9.3	999.9	99.9	99.9	99.9	317.2	327.9	3.5	76.0	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	473.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.5	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
 KTVY, OKLAHOMA

 20 MAY 1979
 2140 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	363.0	964.1	24.7	18.2	90.0	5.0	-5.0	0.0	301.6	337.7	13.8	67.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	11.2	492.6	950.0	24.9	18.5	72.9	7.9	-7.5	-2.3	302.5	340.8	14.3	67.5	0.3	246.
1.0	13.5	725.7	925.0	22.2	16.6	68.3	9.9	-9.2	-3.7	302.0	337.0	13.0	70.8	0.6	247.
1.9	15.9	964.6	900.0	20.6	16.2	65.0	11.1	-10.4	-4.0	302.7	337.8	13.0	76.1	1.2	248.
2.6	19.3	1207.8	875.0	18.1	15.9	71.3	10.4	-9.9	-3.3	302.6	338.0	13.1	86.9	1.7	248.
3.4	23.8	1456.1	850.0	16.2	15.2	84.8	8.2	-8.1	-0.7	303.1	337.9	12.9	93.5	2.1	250.
4.2	23.3	1710.3	825.0	14.6	13.5	105.6	6.5	-6.3	1.8	304.0	336.4	11.9	93.2	2.4	253.
5.0	25.7	1971.1	800.0	13.6	12.4	123.1	5.2	-6.4	2.8	305.7	336.9	11.4	92.3	2.7	257.
5.9	28.2	2239.1	775.0	12.5	10.8	149.2	3.6	-1.9	3.1	307.3	336.6	10.6	89.2	2.8	261.
6.9	30.8	2514.2	750.0	11.2	7.1	251.0	2.9	2.3	0.8	308.8	332.7	8.5	75.7	2.8	264.
7.7	33.4	2757.9	725.0	10.6	4.0	295.2	5.4	4.9	-2.3	311.1	331.5	7.1	63.6	2.6	261.
8.5	36.1	3039.6	700.0	8.6	3.8	282.6	5.6	5.5	-1.2	312.0	332.9	7.2	71.7	2.4	257.
9.4	39.8	3389.4	675.0	5.7	0.4	277.1	4.8	4.7	-0.6	312.1	329.1	5.9	68.4	2.1	255.
10.4	41.6	3657.7	650.0	3.5	-2.1	279.9	4.8	4.8	-0.8	312.9	327.8	5.1	66.5	1.9	252.
11.4	44.4	4014.5	625.0	0.5	-6.7	269.6	7.2	7.2	0.1	313.1	324.3	3.7	58.7	1.6	247.
12.5	47.3	4341.4	600.0	-1.5	-5.7	267.2	10.8	10.7	0.5	314.4	326.9	4.2	73.1	1.0	236.
13.7	50.2	4678.8	575.0	-3.1	-8.6	275.8	13.6	13.6	-0.7	315.4	328.4	4.1	76.6	0.6	180.
14.7	53.2	5030.8	550.0	-5.3	-9.3	279.4	16.4	16.4	-0.1	317.8	328.0	3.5	73.6	1.1	124.
15.9	56.3	5354.7	525.0	-7.9	-12.1	276.8	15.2	15.1	-1.8	319.0	328.0	2.9	71.8	2.2	107.
16.9	59.4	5772.4	500.0	-10.6	-14.6	284.7	12.9	12.5	-3.3	320.2	328.0	2.5	71.9	3.1	106.
18.2	62.7	6165.4	475.0	-13.6	-17.0	287.7	11.4	10.9	-3.5	321.2	328.0	2.1	75.4	4.0	106.
19.3	66.0	6574.7	450.0	-16.3	-18.7	292.9	11.2	10.3	-4.4	322.7	329.0	1.9	82.0	4.7	106.
20.5	69.6	7002.4	425.0	-19.3	-21.3	295.1	14.5	13.2	-6.2	324.2	329.6	1.6	83.9	5.6	108.
21.7	73.0	7451.6	400.0	-21.6	-23.5	284.5	19.1	18.5	-4.8	326.9	331.7	1.4	84.8	6.8	109.
23.2	76.7	7925.5	375.0	-24.0	-26.1	262.9	21.9	21.8	2.7	329.5	334.0	1.2	82.6	8.6	106.
24.5	80.5	8426.4	350.0	-26.6	-29.1	242.1	23.1	20.2	11.2	332.9	336.3	1.0	79.6	10.2	100.
25.9	84.5	8956.2	325.0	-30.2	-33.1	225.9	23.4	16.8	16.3	335.1	337.7	0.7	75.2	11.6	93.
27.5	88.7	9523.2	300.0	-34.3	-37.6	217.7	28.0	17.1	22.1	337.0	338.8	0.5	71.9	13.1	85.
29.0	93.0	10126.7	275.0	-38.8	-42.6	216.6	30.5	18.2	24.5	339.0	340.2	0.3	67.1	15.1	77.
30.7	97.8	10774.0	250.0	-43.8	-49.9	217.1	30.9	18.6	24.6	341.0	340.9	99.9	999.9	17.6	70.
32.5	102.8	11470.3	225.0	-50.5	-59.9	216.5	32.8	19.5	26.3	341.1	340.9	99.9	999.9	20.5	65.
34.1	108.0	12227.5	200.0	-56.5	-67.9	214.6	32.5	18.5	26.7	343.3	340.9	99.9	999.9	23.3	61.
35.6	113.7	13061.2	175.0	-62.7	-75.9	212.6	34.5	18.6	29.1	346.5	340.9	99.9	999.9	26.1	58.
37.0	120.0	13995.7	150.0	-70.4	-85.9	228.0	33.2	24.6	22.2	348.5	340.9	99.9	999.9	28.8	56.
40.0	127.0	15085.7	125.0	-64.4	-99.9	262.2	31.2	30.9	4.2	378.3	340.9	99.9	999.9	34.5	58.
44.0	134.7	16477.2	100.0	-59.5	-99.9	999.9	99.9	99.9	99.9	412.8	340.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
KTVY, OKLAHOMA

21 MAY 1979
210 GMT

108 172. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	363.0	969.9	19.0	17.3	100.0	5.0	-4.9	0.9	294.7	328.4	13.0	90.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	11.6	540.4	950.0	18.3	99.9	93.7	19.9	-10.9	0.7	295.7	999.9	99.9	99.9	0.5	276.0
1.6	14.0	767.3	925.0	17.1	99.9	96.4	9.0	-8.9	1.0	296.8	999.9	99.9	99.9	1.0	275.0
2.7	16.5	999.9	900.0	16.1	99.9	93.0	6.7	-8.7	0.3	298.2	999.9	99.9	99.9	1.5	275.0
3.6	18.9	1236.5	875.0	16.2	99.9	61.8	6.6	-5.8	-3.1	300.7	999.9	99.9	99.9	1.9	274.0
4.6	21.4	1483.8	850.0	14.4	99.9	42.3	7.2	-4.8	-5.3	301.2	999.9	99.9	99.9	2.2	266.0
5.4	24.0	1734.7	825.0	13.7	99.9	39.9	7.7	-4.9	-5.9	303.0	999.9	99.9	99.9	2.4	259.0
6.2	26.5	1992.7	800.0	12.1	99.9	30.8	8.0	-4.1	-6.9	304.1	999.9	99.9	99.9	2.7	254.0
7.2	29.1	2256.8	775.0	10.0	99.9	22.0	8.3	-3.2	-7.6	304.5	999.9	99.9	99.9	3.0	247.0
8.3	31.7	2527.5	750.0	7.3	99.9	5.3	7.9	-0.7	-7.9	304.5	999.9	99.9	99.9	3.4	240.0
9.7	34.3	2805.0	725.0	5.2	99.9	349.2	8.5	1.6	-8.4	305.2	999.9	99.9	99.9	3.8	231.0
11.1	37.0	3090.4	700.0	3.8	99.9	333.1	8.5	3.6	-7.6	306.7	999.9	99.9	99.9	4.1	221.0
12.2	39.5	3385.3	675.0	3.0	99.9	302.0	4.8	4.1	-2.6	309.0	999.9	99.9	99.9	4.3	215.0
13.6	42.7	3689.3	650.0	0.7	99.9	184.4	3.2	2.1	2.5	309.9	999.9	99.9	99.9	4.1	213.0
15.1	45.5	4003.4	625.0	-0.2	99.9	207.9	8.3	3.9	7.3	314.2	999.9	99.9	99.9	3.3	218.0
16.8	48.4	4328.7	600.0	-1.7	99.9	229.3	11.8	9.0	7.7	316.0	999.9	99.9	99.9	2.2	218.0
19.4	51.4	4666.0	575.0	-3.4	99.9	231.8	13.1	10.3	8.1	317.5	999.9	99.9	99.9	1.2	190.0
20.0	54.5	5016.2	550.0	-5.2	99.9	224.7	12.3	8.7	8.8	319.5	999.9	99.9	99.9	0.6	129.0
21.4	57.6	5379.3	525.0	-7.4	99.9	235.1	14.6	10.3	10.3	321.6	999.9	99.9	99.9	1.3	71.0
22.8	60.8	5758.2	500.0	-9.4	99.9	230.2	14.5	11.2	9.3	324.2	999.9	99.9	99.9	2.6	60.0
24.3	64.0	6153.1	475.0	-11.1	99.9	226.8	16.0	11.7	11.0	325.2	999.9	99.9	99.9	4.0	50.0
26.0	67.4	6556.5	450.0	-14.4	99.9	218.5	19.1	11.9	14.9	326.4	999.9	99.9	99.9	5.7	52.0
27.6	70.9	6956.3	425.0	-17.6	99.9	220.1	22.0	14.2	16.8	327.8	999.9	99.9	99.9	8.4	47.0
29.9	74.4	7487.4	400.0	-20.9	99.9	227.8	21.8	16.1	14.6	330.8	999.9	99.9	99.9	11.4	46.0
32.0	78.1	7931.4	375.0	-23.3	99.9	228.6	18.3	13.8	12.1	332.3	999.9	99.9	99.9	14.1	47.0
34.3	82.0	8422.7	350.0	-27.0	99.9	221.9	16.5	11.0	12.3	334.5	999.9	99.9	99.9	16.7	47.0
36.8	86.0	8953.2	325.0	-30.6	99.9	220.1	18.5	11.9	14.2	336.0	999.9	99.9	99.9	19.3	46.0
39.4	90.2	9516.8	300.0	-35.1	99.9	229.7	20.6	15.7	13.3	337.6	999.9	99.9	99.9	22.5	45.0
42.1	94.6	10117.6	275.0	-39.7	99.9	237.4	21.1	17.8	11.4	338.3	999.9	99.9	99.9	26.2	47.0
45.1	99.2	10751.7	250.0	-45.6	99.9	240.0	22.8	13.8	11.4	339.3	999.9	99.9	99.9	30.3	48.0
48.1	104.2	11354.4	225.0	-51.7	99.9	241.9	28.4	25.0	13.4	340.7	999.9	99.9	99.9	34.5	50.0
51.2	109.6	12006.7	200.0	-58.2	99.9	259.9	99.9	99.9	99.9	342.0	999.9	99.9	99.9	999.9	999.9
54.6	115.4	13032.9	175.0	-65.4	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
59.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
KTVY, OKLAHOMA

21 MAY 1979
505 GMT

104 186. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT R DEG K	E POT T DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	11.3	363.0	970.3	19.0	18.7	100.0	1.0	-1.0	0.2	294.7	331.3	14.1	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	13.1	545.3	950.0	18.2	17.5	44.1	7.5	-5.2	-5.4	295.7	330.5	13.4	95.2	0.2	238.
1.4	15.5	774.2	925.0	16.7	15.9	64.6	10.5	-9.5	-4.5	296.4	329.1	12.5	95.0	0.6	233.
2.3	18.0	1008.0	900.0	15.6	14.7	73.0	10.4	-10.0	-3.0	297.6	328.9	11.8	94.4	1.2	242.
3.1	20.4	1246.9	875.0	14.5	13.3	75.3	7.3	-7.1	-1.9	298.8	321.7	8.4	70.9	1.6	246.
3.9	22.9	1492.8	850.0	14.9	13.4	72.2	5.0	-4.8	-1.5	301.8	324.3	8.2	65.0	2.1	247.
4.6	25.4	1745.6	825.0	14.3	12.7	57.2	2.7	-2.3	-1.5	303.7	323.7	7.2	58.0	2.1	247.
5.4	28.0	2005.5	800.0	14.3	12.7	33.9	4.6	-2.6	-3.8	306.4	323.5	6.0	47.1	2.2	246.
6.2	30.6	2273.4	775.0	12.6	12.6	18.2	6.3	-2.0	-6.0	307.4	324.8	6.1	51.3	2.4	241.
7.0	33.2	2547.4	750.0	10.0	10.0	23.4	6.8	-2.7	-6.2	307.5	322.4	5.2	50.6	2.6	237.
7.8	35.9	2828.4	725.0	7.5	0.7	26.8	7.0	-3.1	-6.2	307.7	323.7	5.6	62.0	2.9	233.
8.6	38.6	3116.7	700.0	5.2	0.8	30.4	6.1	-3.1	-5.3	308.2	325.0	5.8	73.5	3.2	231.
9.6	41.3	3413.1	675.0	3.1	1.5	40.2	4.9	-3.2	-3.8	309.1	327.4	6.4	89.4	3.6	229.
10.8	44.1	3718.2	650.0	0.5	-0.4	30.9	3.1	-1.6	-2.7	309.6	326.1	5.7	93.1	3.8	229.
12.6	47.0	4032.7	625.0	-1.0	-1.9	301.3	2.3	1.9	-1.2	311.4	327.0	5.3	93.4	4.0	227.
14.0	49.9	4358.3	600.0	-2.5	-3.3	240.0	5.1	4.4	2.5	313.3	328.1	5.0	93.8	3.7	225.
15.7	52.9	4695.4	575.0	-4.5	-5.4	221.1	5.8	3.8	4.3	314.7	328.0	4.5	93.5	3.1	225.
17.2	55.9	5045.0	550.0	-6.3	-7.2	227.5	6.0	4.4	4.1	316.4	329.0	4.1	93.3	2.6	226.
18.9	59.0	5405.0	525.0	-8.0	-8.9	239.2	7.1	6.1	3.6	318.5	330.3	3.7	93.0	2.0	222.
20.2	62.3	5784.0	500.0	-10.2	-11.2	237.8	7.7	7.4	2.1	320.6	330.7	3.2	92.5	1.5	214.
21.9	65.4	6179.9	475.0	-12.5	-13.6	265.3	9.3	9.3	0.8	322.5	331.5	2.8	91.7	1.1	180.
23.7	68.9	6591.3	450.0	-14.9	-16.1	248.8	13.0	12.2	4.7	324.4	332.4	2.4	90.2	1.5	127.
25.7	72.3	7022.9	425.0	-16.7	-19.1	237.6	18.4	15.8	9.8	327.5	334.6	2.2	88.8	2.8	90.
27.7	75.9	7475.7	400.0	-20.1	-21.8	230.8	20.4	15.8	12.9	328.9	334.5	1.7	86.2	5.0	73.
29.6	79.6	7952.0	375.0	-23.1	-25.2	229.4	21.2	16.1	13.8	331.0	335.5	1.3	83.3	7.2	65.
31.7	83.3	8454.2	350.0	-26.6	-28.9	230.3	20.3	15.7	13.0	333.0	336.4	1.0	80.1	9.6	61.
33.6	87.3	8985.0	325.0	-31.0	-33.9	232.0	20.0	15.8	12.3	335.9	336.3	0.7	75.7	12.0	59.
35.6	91.5	9547.3	300.0	-35.7	-39.1	231.8	18.3	14.4	11.3	338.1	336.7	0.4	70.1	14.4	58.
37.8	95.8	10145.1	275.0	-41.4	-44.9	233.3	19.7	15.8	11.8	335.2	339.9	99.9	99.9	16.6	57.
40.4	100.6	10785.6	250.0	-46.7	-50.9	227.4	23.1	17.0	15.7	336.7	339.9	99.9	99.9	20.0	56.
43.1	105.6	11475.4	225.0	-52.9	-56.9	217.4	25.8	15.7	20.5	337.4	339.9	99.9	99.9	23.8	54.
45.8	110.8	12224.7	200.0	-59.4	-63.9	99.9	99.9	99.9	99.9	338.7	339.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
 KTVY, OKLAHOMA

 21 MAY 1979
 803 GMT

117 137. 0

TIME MIN	CNCT	HEIGHT GRM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	363.0	971.2	18.5	17.8	360.0	0.0	0.0	0.0	294.1	320.8	13.4	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	11.0	552.7	950.0	17.9	17.1	510.0	5.4	-4.2	-3.4	295.3	320.4	13.1	95.1	0.1	212.
2.2	13.4	781.4	925.0	16.5	15.7	82.4	8.5	-8.4	-1.1	296.2	320.3	12.2	94.8	0.7	245.
3.4	15.8	1015.1	900.0	15.7	14.6	95.3	9.2	-8.4	0.9	297.7	320.6	11.7	93.1	1.3	257.
4.7	18.2	1254.5	875.0	14.2	12.6	106.5	7.7	-7.4	2.2	298.5	320.7	10.6	90.3	2.0	265.
6.1	20.7	1499.4	850.0	13.0	11.1	111.4	6.4	-5.9	2.3	299.7	320.2	9.8	88.5	2.5	271.
7.4	23.2	1750.4	825.0	11.6	9.7	116.2	4.9	-4.4	2.2	300.8	320.9	9.2	88.4	2.9	274.
8.5	25.7	2007.6	800.0	10.1	8.4	110.6	5.5	-5.2	1.9	302.0	320.8	8.7	89.1	3.2	276.
9.7	28.3	2271.7	775.0	8.6	7.1	96.1	5.1	-5.0	0.5	303.1	320.8	8.2	90.2	3.6	277.
10.7	30.9	2543.2	750.0	7.9	6.4	79.8	6.1	-6.0	-1.1	305.2	320.8	8.1	90.3	3.9	276.
11.9	33.6	2822.6	725.0	5.7	4.3	67.5	6.9	-6.4	-2.6	305.2	320.0	7.2	90.3	4.3	274.
13.4	36.3	3103.8	700.0	3.3	1.6	58.5	8.3	-7.1	-4.4	306.2	323.7	6.2	88.8	4.9	269.
14.7	39.1	3403.4	675.0	1.6	-0.0	66.9	9.5	-8.7	-3.7	307.4	323.7	5.7	89.3	5.5	266.
16.0	41.9	3707.6	650.0	0.5	-1.0	79.0	9.0	-8.8	-1.7	309.6	323.5	5.5	89.2	6.3	264.
17.7	44.7	4027.8	625.0	-0.6	-2.3	88.1	8.0	-8.0	-0.3	311.8	327.0	5.2	88.0	7.2	264.
19.6	47.6	4348.3	600.0	-2.0	-4.4	130.6	4.8	-4.8	0.1	313.8	327.6	4.6	83.7	7.8	265.
21.3	50.5	4663.1	575.0	-3.6	-6.8	130.6	2.6	-2.0	1.7	315.7	327.9	4.0	78.8	8.1	265.
23.0	53.6	5034.3	550.0	-5.5	-9.0	205.2	5.2	2.2	4.7	317.6	328.5	3.5	76.1	8.1	268.
25.0	56.8	5401.1	525.0	-7.4	-11.2	232.7	7.8	6.2	4.7	319.5	329.2	3.1	74.3	7.5	272.
26.9	60.0	5779.9	500.0	-5.4	-13.4	212.9	7.6	4.1	6.4	321.6	330.2	2.7	72.9	6.9	277.
28.7	63.1	6175.0	475.0	-11.8	-15.9	218.7	8.6	5.4	6.7	323.4	330.9	2.3	71.2	6.7	283.
30.6	66.6	6587.5	450.0	-14.4	-18.7	235.0	12.3	10.1	7.1	325.1	331.5	1.9	69.4	6.0	292.
32.7	70.0	7012.7	425.0	-16.9	-21.4	235.9	15.4	12.8	8.6	327.4	332.8	1.6	67.9	5.2	309.
34.8	73.7	7471.7	400.0	-19.9	-24.6	230.5	17.6	13.6	11.2	329.1	333.5	1.3	66.3	5.1	332.
37.4	77.3	7947.4	375.0	-23.4	-28.2	223.5	19.9	13.7	14.5	330.7	334.1	1.0	64.5	6.5	358.
40.1	81.2	8448.7	350.0	-27.1	-32.1	222.4	20.7	14.0	15.3	332.2	334.8	0.7	62.4	9.2	12.
43.0	85.3	8978.5	325.0	-31.4	-36.3	223.4	21.9	15.0	15.9	333.5	335.4	0.5	61.1	12.5	21.
45.8	89.5	9540.0	300.0	-36.1	-41.1	221.6	23.8	15.8	17.8	334.4	335.7	0.3	59.8	16.1	26.
49.2	94.0	10136.7	275.0	-41.7	-46.7	218.0	25.4	15.6	20.0	335.6	336.9	99.9	999.9	20.9	29.
51.9	98.6	10776.6	250.0	-47.3	-52.9	215.9	28.8	16.9	23.3	336.6	337.9	99.9	999.9	25.2	30.
55.0	103.6	11462.6	225.0	-53.5	-59.9	217.5	34.1	20.8	27.0	337.5	338.9	99.9	999.9	32.8	32.
61.4	109.0	12208.1	200.0	-60.0	-66.9	220.2	34.7	22.4	26.5	337.7	339.9	99.9	999.9	44.1	34.
67.1	115.0	13032.6	175.0	-64.7	-71.9	228.8	37.2	28.0	24.5	343.1	343.1	99.9	999.9	55.8	35.
74.9	121.5	13567.9	150.0	-64.1	-71.9	999.9	99.9	99.9	99.9	359.6	359.6	99.9	999.9	73.7	42.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
 KTVV, OKLAHOMA

 21 MAY 1979
 1105 GMT

130 95. 0

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	363.0	969.6	18.0	17.0	70.0	4.0	-3.8	-1.4	293.7	326.7	12.7	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	11.4	538.4	950.0	17.4	16.4	68.2	10.8	-10.0	-4.0	294.8	327.3	12.5	94.1	0.2	24.3
1.1	13.8	766.4	925.0	16.0	15.0	76.2	9.4	-9.1	-2.2	295.7	326.4	11.7	93.9	0.6	24.7
1.9	16.2	999.7	900.0	15.2	14.2	82.5	7.2	-7.1	-0.9	297.2	327.3	11.4	93.8	0.9	25.3
2.7	18.6	1238.5	875.0	13.9	12.9	72.3	5.1	-4.8	-1.5	298.2	327.0	10.8	94.1	1.2	25.5
3.6	21.2	1483.1	850.0	12.5	11.6	48.9	4.6	-3.5	-3.0	299.3	326.6	10.2	94.1	1.4	25.7
4.3	23.6	1733.9	825.0	11.2	10.1	52.5	4.5	-3.5	-2.7	300.4	326.1	9.5	93.5	1.6	24.9
5.2	26.2	1990.9	800.0	10.2	9.1	70.0	6.0	-3.6	-2.1	302.0	326.9	9.1	92.8	1.9	24.8
6.0	28.8	2255.4	775.0	9.0	6.2	82.9	8.9	-3.8	-1.1	303.5	325.0	7.8	82.9	2.3	25.0
6.9	31.4	2527.0	750.0	7.9	2.3	95.3	9.8	-3.8	0.9	305.1	322.2	6.0	67.7	2.8	25.4
7.8	34.0	2806.5	725.0	6.6	2.0	101.6	10.6	-10.3	2.1	306.7	324.1	6.1	72.2	3.3	25.8
8.8	36.7	3054.1	700.0	4.6	2.2	103.0	11.0	-10.7	2.5	307.6	326.0	6.4	84.2	3.9	26.2
9.7	39.4	3390.0	675.0	2.5	1.3	105.7	9.4	-9.1	2.5	308.5	326.5	6.3	91.8	4.4	26.5
10.6	42.2	3644.8	650.0	0.9	-0.0	111.5	7.1	-6.6	2.6	310.0	327.1	5.9	93.1	4.8	26.7
11.5	45.1	4010.0	625.0	-0.3	-1.2	112.6	4.5	-4.2	1.7	312.1	328.7	5.6	93.8	5.1	26.8
12.6	48.0	4336.2	600.0	-1.9	-2.8	90.9	1.5	-1.5	0.0	313.5	329.3	5.2	93.9	5.3	26.9
13.7	51.0	4674.1	575.0	-3.5	-4.4	356.2	0.9	0.1	-0.9	315.9	330.4	4.8	93.7	5.3	26.9
14.8	54.0	5024.8	550.0	-6.1	-7.0	290.8	2.7	2.6	-1.0	316.9	329.4	4.1	93.3	5.2	26.8
15.8	57.1	5388.7	525.0	-7.7	-9.9	279.6	5.0	4.9	-0.8	319.1	329.8	3.5	84.7	5.0	26.8
16.9	60.3	5767.2	500.0	-10.3	-12.0	280.4	7.2	7.1	-1.3	320.5	330.1	3.1	87.3	4.6	26.8
18.3	63.6	6160.9	475.0	-12.9	-13.9	272.8	9.3	9.3	-0.4	322.0	330.6	2.7	92.2	3.9	26.4
19.5	67.0	6571.6	450.0	-15.4	-21.2	258.4	10.1	9.9	2.0	323.9	329.1	1.6	61.1	3.2	26.4
20.8	70.4	7000.8	425.0	-18.9	-24.0	250.3	13.2	12.4	4.4	324.7	329.0	1.3	64.0	2.4	26.7
22.0	74.0	7448.2	400.0	-23.4	-24.8	231.9	17.1	13.4	10.5	324.6	324.7	0.0	1.0	1.4	28.7
23.4	77.7	7916.3	375.0	-25.6	-26.3	226.2	19.2	13.9	13.3	327.7	327.7	0.0	1.0	1.5	34.7
24.7	81.5	8415.3	350.0	-29.0	-28.5	231.6	20.7	16.2	12.8	329.7	329.7	0.0	1.0	2.7	19.
26.1	85.5	8940.1	325.0	-33.2	-31.3	231.4	25.7	20.1	16.0	330.9	330.9	0.0	1.0	4.4	33.
27.7	89.7	9497.8	300.0	-37.2	-32.9	229.8	32.1	28.5	20.7	333.0	333.1	0.0	7.1	7.0	40.
29.2	94.0	10093.6	275.0	-41.2	-39.9	229.1	35.2	26.6	23.0	335.6	999.9	99.9	99.9	10.1	43.
31.0	98.8	10733.5	250.0	-47.1	-47.1	99.9	38.9	30.3	24.4	336.0	999.9	99.9	99.9	14.1	45.
32.8	103.6	11422.8	225.0	-51.9	-51.9	99.9	33.0	29.2	19.2	339.0	999.9	99.9	99.9	18.2	47.
34.7	109.0	12178.6	200.0	-56.8	-56.8	99.9	33.0	27.9	17.5	342.8	999.9	99.9	99.9	21.8	49.
37.5	114.7	13015.1	175.0	-61.5	-61.5	99.9	32.0	28.2	16.3	348.4	999.9	99.9	99.9	27.2	51.
40.3	121.2	13964.8	150.0	-62.0	-62.0	99.9	31.2	29.9	8.7	363.3	999.9	99.9	99.9	32.5	53.
43.9	129.0	15100.5	125.0	-60.1	-60.1	99.9	20.3	20.3	1.0	386.1	999.9	99.9	99.9	37.5	57.
48.8	136.3	16493.3	100.0	-60.1	-60.1	99.9	99.9	99.9	99.9	411.7	999.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

20 MAY 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DB K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	417.0	559.1	19.2	17.9	360.0	0.0	0.0	0.0	295.9	331.3	13.6	92.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	11.0	500.0	550.0	23.3	21.6	215.1	10.1	5.8	8.3	300.9	346.8	17.4	90.1	0.3	16.
1.0	13.3	733.7	925.0	22.7	19.3	226.7	11.3	8.2	7.8	302.5	343.9	15.5	81.4	0.5	27.
1.7	15.5	973.0	900.0	22.2	17.8	241.4	14.2	12.4	6.8	306.7	343.3	14.4	76.2	1.1	42.
2.5	17.7	1218.5	875.0	22.0	13.9	250.3	13.8	13.0	4.6	306.7	338.4	11.5	59.9	1.7	52.
3.3	20.0	1470.6	850.0	21.7	10.7	258.9	11.9	11.7	2.3	308.9	335.7	9.6	49.3	2.3	58.
4.1	22.3	1729.2	825.0	19.7	10.0	264.8	14.1	14.0	1.3	309.4	335.9	9.4	53.5	2.9	63.
4.9	24.6	1953.7	800.0	17.8	8.5	274.4	14.5	14.5	-1.1	310.1	335.0	8.8	54.6	3.5	68.
5.9	26.9	2264.9	775.0	16.3	6.1	281.3	12.8	12.6	-2.5	311.4	333.3	7.6	50.7	4.2	73.
6.7	29.3	2542.9	750.0	13.7	4.3	283.4	11.9	11.6	-2.7	311.2	331.6	7.0	53.1	4.8	77.
7.6	31.8	2827.4	725.0	11.0	2.5	279.3	11.6	11.5	-1.9	311.2	329.9	6.3	55.7	5.4	80.
8.6	34.2	3119.1	700.0	8.6	0.8	270.5	9.5	9.5	-0.1	312.5	327.8	5.2	59.4	6.4	82.
9.5	36.7	3418.9	675.0	6.1	-1.2	248.0	7.1	6.6	2.7	312.5	327.8	5.2	59.4	6.4	82.
10.6	39.3	3727.1	650.0	3.9	-6.6	225.9	6.4	6.0	5.9	313.4	324.3	3.6	46.1	6.8	80.
11.7	41.9	4044.6	625.0	1.5	-11.3	223.4	9.1	6.2	6.6	314.2	322.2	2.6	37.7	7.3	77.
12.7	44.6	4372.1	600.0	-1.1	-15.3	231.5	5.8	7.7	6.1	314.9	321.0	1.9	33.1	7.8	75.
13.7	47.2	4710.6	575.0	-2.1	-20.8	243.0	10.7	9.6	4.9	317.6	321.7	1.3	22.2	8.4	74.
14.8	50.0	5061.8	550.0	-5.0	-23.5	251.7	12.8	12.1	4.0	318.2	321.6	1.0	21.7	9.1	73.
15.9	52.9	5425.7	525.0	-7.7	-25.7	247.1	14.7	13.5	5.7	319.2	322.1	0.9	21.9	10.0	73.
17.1	55.8	5804.0	500.0	-9.4	-27.8	242.3	14.8	13.1	6.9	321.6	325.2	0.8	20.7	11.1	72.
18.4	58.8	6198.5	475.0	-12.2	-29.9	244.2	14.9	13.4	6.5	322.9	325.2	0.7	21.1	12.2	71.
19.7	61.8	6609.6	450.0	-15.2	-32.3	246.8	15.6	14.4	6.1	324.2	326.1	0.6	21.4	13.4	71.
21.1	64.9	7038.8	425.0	-18.3	-33.3	251.3	14.9	14.1	4.8	325.6	327.5	0.5	25.3	14.7	71.
22.5	69.1	7488.1	400.0	-22.3	-34.9	251.5	13.1	12.4	4.2	326.0	327.8	0.5	30.7	16.0	71.
24.1	71.5	7955.2	375.0	-25.3	-34.0	245.2	13.1	11.9	5.5	328.1	330.1	0.6	44.7	17.0	71.
25.7	74.9	8457.8	350.0	-28.0	-32.0	245.6	21.5	19.5	8.9	331.1	333.7	0.7	67.7	18.7	70.
27.4	78.4	8985.6	325.0	-32.4	-37.5	250.2	28.9	27.1	9.8	332.0	333.7	0.5	60.4	21.3	70.
29.2	82.2	9544.8	300.0	-36.9	-43.3	250.2	31.2	29.4	10.6	333.3	334.4	0.3	51.3	24.5	70.
31.0	86.2	10141.1	275.0	-41.6	99.9	248.4	30.9	28.7	11.4	334.9	335.9	99.9	999.9	27.9	70.
32.9	90.3	10780.5	250.0	-46.4	99.9	248.0	33.9	31.4	12.7	337.0	339.9	99.9	999.9	31.6	70.
35.0	94.8	11472.1	225.0	-51.3	99.9	251.2	37.2	35.2	12.0	339.9	343.1	99.9	999.9	36.0	70.
37.1	99.5	12228.2	200.0	-56.7	99.9	258.2	32.9	32.9	6.8	343.1	345.9	99.9	999.9	40.6	70.
38.9	104.6	13062.7	175.0	-63.1	99.9	263.5	28.0	28.0	3.2	345.8	348.9	99.9	999.9	43.9	71.
41.1	113.0	14001.2	150.0	-66.5	99.9	256.4	24.9	24.2	5.8	355.2	358.9	99.9	999.9	47.3	72.
43.9	118.2	15105.8	125.0	-66.0	99.9	252.1	31.7	30.1	9.7	375.5	378.9	99.9	999.9	51.9	72.
47.4	123.3	16472.2	100.0	-64.4	99.9	999.9	99.9	99.9	99.9	403.3	403.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

20 MAY 1979
1405 CMT

114 97.0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	417.0	960.9	25.4	18.1	10.0	3.0	-0.5	-3.0	302.6	338.8	13.8	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	11.4	517.7	950.0	24.7	20.5	172.9	2.2	-0.3	2.2	302.2	345.5	16.3	78.1	0.1	173.
1.2	13.5	751.2	925.0	21.3	18.8	262.9	0.8	0.8	0.1	301.1	340.9	15.0	85.8	0.1	173.
2.2	15.7	988.7	900.0	19.4	15.6	272.9	0.9	0.9	-0.2	301.5	335.0	12.5	78.7	0.1	173.
2.9	17.9	1231.5	875.0	19.1	13.4	272.9	7.5	7.5	-0.4	303.7	334.0	11.1	69.2	0.1	159.
3.6	20.2	1481.3	850.0	19.2	9.9	272.8	12.4	12.2	-2.1	306.2	331.5	9.1	54.9	0.7	110.
4.4	22.5	1738.3	825.0	18.8	9.5	277.7	9.5	9.4	-1.3	308.4	333.9	9.1	54.8	1.2	103.
5.3	24.7	2001.7	800.0	16.3	8.8	276.7	10.2	10.1	-1.2	308.6	333.7	8.9	61.0	1.7	102.
6.2	27.1	2271.7	775.0	15.0	7.6	270.4	9.9	9.9	-0.1	310.0	334.1	8.5	61.0	2.3	100.
7.2	29.4	2545.5	750.0	14.1	4.2	259.8	8.6	8.4	1.5	311.2	331.8	6.9	51.4	2.8	97.
8.2	31.8	2834.3	725.0	11.1	1.1	260.6	7.8	7.7	1.3	311.6	328.3	5.7	50.0	3.2	94.
9.2	34.2	3126.4	700.0	8.9	-1.1	263.9	7.0	6.9	0.7	312.4	327.3	5.1	49.4	3.7	93.
10.4	36.7	3425.3	675.0	6.3	-4.8	253.8	5.7	5.6	1.4	312.7	324.6	4.0	44.9	4.1	92.
11.5	39.2	3734.4	650.0	3.9	-8.9	228.2	6.9	5.2	4.6	313.4	322.5	3.0	38.5	4.5	90.
12.6	41.8	4052.0	625.0	1.7	-14.0	228.6	6.3	6.3	5.5	313.4	320.9	2.1	30.1	4.8	85.
13.7	44.4	4300.1	600.0	0.2	-15.5	248.9	11.3	10.5	4.1	316.4	322.4	1.9	29.7	5.4	82.
14.9	47.1	4720.1	575.0	-1.7	-16.5	258.8	14.4	13.6	4.7	318.0	323.9	1.8	31.3	6.4	81.
16.1	49.9	5072.1	550.0	-4.9	-11.5	248.6	15.3	14.0	6.3	318.3	327.3	2.9	59.6	7.4	79.
17.3	52.6	5436.6	525.0	-7.2	-16.7	238.3	14.3	12.2	7.5	319.8	326.4	2.1	49.3	8.4	77.
18.5	55.5	5815.3	500.0	-9.5	-25.8	231.1	13.6	11.4	7.4	321.5	324.6	0.9	25.1	9.4	75.
19.8	58.4	6209.3	475.0	-12.6	-36.9	241.7	12.4	11.0	5.9	322.4	323.6	0.3	11.0	10.3	73.
21.0	61.4	6619.6	450.0	-15.7	-34.1	248.7	11.7	10.8	4.6	323.5	325.1	0.5	18.8	11.2	73.
22.5	64.5	7047.9	425.0	-19.2	-27.0	247.8	11.2	10.4	4.2	324.4	327.7	1.0	50.0	12.2	72.
23.9	67.7	7496.2	400.0	-22.4	-33.1	241.6	11.7	10.3	5.5	325.9	328.0	0.6	37.8	13.1	72.
25.4	71.0	7967.3	375.0	-25.5	-32.0	248.5	17.9	16.7	6.6	327.5	330.3	0.7	54.0	14.4	71.
26.9	74.4	8464.3	350.0	-28.9	-38.5	254.6	25.2	24.2	6.7	329.6	331.2	0.4	38.8	16.4	71.
28.5	78.0	8990.4	325.0	-32.9	-40.4	253.5	28.0	27.1	7.0	331.4	332.6	0.3	46.7	19.0	72.
30.2	81.7	9549.6	300.0	-37.1	-44.2	248.1	28.9	26.8	10.8	333.0	334.0	0.2	47.5	21.8	72.
31.9	85.7	10144.7	275.0	-42.0	59.9	241.4	32.5	28.5	15.6	334.4	339.9	99.9	999.9	24.8	71.
33.8	89.7	10784.7	250.0	-46.1	99.9	242.9	33.3	29.7	15.2	337.5	339.9	99.9	999.9	28.8	70.
35.9	94.0	11478.7	225.0	-51.7	99.9	248.7	34.2	31.4	13.5	339.2	339.9	99.9	999.9	32.7	69.
38.1	98.6	12230.9	200.0	-57.7	99.9	253.1	35.9	34.4	10.4	341.2	339.9	99.9	999.9	37.7	69.
40.4	103.6	13063.0	175.0	-62.6	99.9	254.3	29.1	28.0	7.9	346.7	339.9	99.9	999.9	42.1	70.
42.9	109.0	14001.6	150.0	-67.2	99.9	251.1	29.6	28.0	9.6	354.4	339.9	99.9	999.9	46.2	70.
45.9	115.0	15112.4	125.0	-62.2	99.9	253.9	28.7	28.5	8.2	382.3	339.9	99.9	999.9	52.2	70.
49.0	122.0	16489.5	100.0	-63.2	99.9	999.9	99.9	99.9	99.9	405.7	339.9	99.9	999.9	999.9	999.9
50.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO: 34
 MOUNTAIN VIEW, OKLAHOMA

 20 MAY 1979
 1704 GMT

115 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	417.0	962.2	27.8	18.2	40.0	4.0	-2.6	-3.1	304.3	341.7	13.9	56.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	10.9	329.6	950.0	25.2	17.7	50.9	4.0	-3.1	-2.5	302.7	339.3	13.6	63.4	0.1	219.
1.1	13.1	763.6	925.0	22.3	16.6	57.1	4.5	-3.8	-2.4	302.1	336.9	13.0	70.2	0.3	228.
1.9	15.3	1001.8	900.0	20.4	15.9	61.5	3.6	-3.2	-1.7	302.5	336.9	12.8	75.4	0.5	234.
2.7	17.5	1245.2	875.0	19.5	12.4	41.4	2.9	-1.9	-2.2	304.1	332.7	10.5	63.6	0.6	235.
3.6	19.7	1494.6	850.0	17.9	10.3	347.0	2.6	0.6	-2.5	304.3	330.7	9.3	61.1	0.7	229.
4.5	22.0	1749.7	825.0	17.4	7.6	261.6	2.8	2.7	-0.6	307.8	329.3	8.0	52.3	0.7	219.
5.3	24.3	2012.8	800.0	16.2	7.8	274.7	4.2	4.2	-0.3	308.4	331.9	8.3	57.3	0.6	207.
6.3	26.7	2282.5	775.0	14.8	7.2	257.4	4.9	4.8	1.1	309.8	333.3	8.3	60.2	0.6	181.
7.1	29.1	2559.6	750.0	13.4	4.8	234.3	5.1	4.1	3.0	311.4	331.9	7.2	56.3	0.5	155.
8.0	31.4	2844.4	725.0	11.2	1.8	227.3	5.6	4.1	3.8	311.7	329.2	6.0	52.4	0.5	125.
8.8	33.8	3136.6	700.0	9.0	-0.7	219.5	5.8	3.7	4.5	312.4	327.7	5.2	50.6	0.6	96.
9.8	36.3	3436.6	675.0	6.3	-1.4	216.9	5.2	3.1	4.2	312.7	327.8	5.1	57.9	0.8	77.
10.5	38.8	3744.8	650.0	3.4	-4.0	209.7	5.6	2.8	4.8	312.8	325.9	4.4	58.1	1.1	66.
11.9	41.3	4062.3	625.0	1.5	-9.3	212.4	7.2	3.9	6.1	314.2	323.4	3.0	44.5	1.4	56.
13.0	44.0	4389.2	600.0	-1.4	-15.2	220.6	9.7	6.3	7.3	314.6	320.7	1.9	33.7	2.0	51.
14.2	46.7	4727.5	575.0	-3.4	-10.7	228.6	12.7	9.5	8.4	316.0	325.2	3.0	58.7	2.7	49.
15.4	49.4	5077.8	550.0	-5.8	-6.7	233.9	18.2	13.1	9.5	317.2	329.9	4.2	93.4	3.8	50.
16.5	52.2	5441.4	525.0	-8.0	-9.0	234.6	18.6	15.2	10.8	318.8	330.1	3.7	92.4	5.0	51.
17.6	55.2	5818.8	500.0	-10.7	-12.4	238.4	17.9	15.2	9.4	320.1	329.3	2.9	86.7	6.2	52.
18.9	58.0	6211.9	475.0	-12.8	-16.4	244.7	15.9	14.0	6.6	322.2	329.3	2.2	74.1	7.5	54.
20.0	61.0	6621.9	450.0	-16.3	-18.9	248.6	12.0	11.0	4.7	322.8	329.0	1.9	79.9	8.4	55.
21.3	63.1	7049.6	425.0	-19.1	-23.3	245.7	12.0	10.9	4.9	324.5	329.0	1.4	69.3	9.2	56.
22.7	67.3	7458.9	400.0	-22.6	-29.0	252.9	12.7	12.1	3.7	325.7	328.7	0.9	55.4	10.4	57.
24.2	70.6	7968.9	375.0	-26.6	-32.3	258.2	14.0	13.7	2.9	326.4	328.8	0.7	58.3	11.4	59.
25.8	74.0	8463.5	350.0	-29.9	-35.4	256.0	20.6	20.0	5.0	328.5	330.3	0.5	58.3	12.9	61.
27.6	77.6	8987.9	325.0	-33.5	-39.5	250.3	28.3	22.9	8.2	330.5	331.9	0.4	54.3	15.3	63.
29.3	81.3	9546.2	300.0	-36.9	-43.2	238.7	28.7	24.5	14.9	333.3	334.3	0.3	51.6	18.0	64.
31.1	85.2	10141.7	275.0	-41.7	99.9	235.9	34.0	28.2	19.1	334.9	999.9	99.9	999.9	21.3	62.
32.9	89.3	10780.2	250.0	-46.9	99.9	240.0	35.7	30.9	17.9	336.3	999.9	99.9	999.9	25.2	62.
34.9	93.7	11469.9	225.0	-52.4	99.9	242.1	38.6	34.1	18.1	338.2	999.9	99.9	999.9	29.6	62.
36.9	98.3	12222.6	200.0	-57.2	99.9	245.4	35.4	32.2	14.7	342.1	999.9	99.9	999.9	34.0	62.
39.0	103.4	13056.6	175.0	-62.3	99.9	247.3	30.9	28.1	11.8	347.1	999.9	99.9	999.9	38.2	62.
40.8	108.8	13999.0	150.0	-66.2	99.9	244.9	30.8	27.9	13.1	356.1	999.9	99.9	999.9	41.5	63.
42.5	115.0	15118.0	125.0	-61.3	99.9	999.9	99.9	99.9	99.9	384.0	999.9	99.9	999.9	44.8	63.
44.4	121.7	16454.4	100.0	-62.4	99.9	999.9	99.9	99.9	99.9	407.2	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

20 MAY 1979
2003 GMT

117 94. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	417.0	960.0	26.4	17.5	20.0	6.0	-2.1	-5.6	303.1	338.7	13.2	58.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	10.8	509.6	950.0	25.8	18.7	35.1	10.5	-6.1	-8.6	303.3	342.2	14.4	65.0	0.2	232.
1.1	13.1	744.2	925.0	23.4	18.6	40.0	11.8	-7.1	-8.5	303.3	342.9	14.7	74.2	0.7	213.
1.9	15.3	983.3	900.0	21.2	18.6	49.8	9.8	-7.5	-8.4	303.3	344.0	15.2	85.0	1.2	217.
2.8	17.5	1227.7	875.0	15.3	18.0	65.4	8.6	-7.8	-3.6	303.9	344.4	15.1	92.1	1.7	223.
3.5	19.8	1477.4	850.0	17.7	18.8	75.2	7.5	-7.4	-3.4	304.6	343.5	14.3	94.0	2.0	228.
4.4	22.2	1733.5	825.0	16.3	15.2	91.1	5.2	-5.2	0.1	305.6	342.1	13.3	93.4	2.3	233.
5.3	24.5	1993.9	800.0	15.8	12.1	81.4	3.1	-3.1	-0.5	308.0	339.2	11.2	78.7	2.4	237.
6.1	26.8	2265.9	775.0	14.9	8.5	89.2	2.0	-2.0	-0.1	309.7	335.3	9.1	66.1	2.5	237.
7.1	29.2	2542.8	750.0	12.4	7.0	150.9	3.0	-1.5	2.6	310.0	333.9	8.4	69.4	2.6	239.
9.0	31.6	2826.9	725.0	10.5	5.4	178.2	3.7	-0.1	3.7	310.9	333.2	7.8	70.8	2.5	244.
9.0	34.1	3118.6	700.0	8.5	3.4	195.5	4.2	1.1	4.1	311.9	332.2	7.0	70.3	2.4	249.
10.2	36.6	3418.6	675.0	6.2	-0.6	205.7	5.2	2.2	4.7	312.8	328.5	5.5	62.0	2.2	255.
11.3	39.2	3727.0	650.0	3.8	-1.1	212.1	7.9	4.2	6.7	313.2	329.2	5.4	70.4	1.9	263.
12.3	41.8	4045.1	625.0	2.1	-4.0	221.5	10.3	6.8	7.7	314.8	328.5	4.6	64.4	1.6	279.
13.4	44.4	4373.8	600.0	-0.0	-4.6	238.0	11.5	9.8	6.1	316.1	329.7	4.5	71.2	1.3	305.
14.8	47.2	4713.7	575.0	-2.0	-7.9	233.6	12.7	11.4	5.6	317.6	328.9	3.7	64.3	1.2	353.
16.0	50.0	5066.1	550.0	-3.8	-12.4	239.4	15.5	13.4	7.9	319.6	328.1	2.7	51.0	1.8	24.
17.0	52.8	5432.0	525.0	-6.7	-14.8	241.5	15.9	14.0	7.6	320.3	327.7	2.3	52.5	2.7	37.
18.1	55.8	5810.3	500.0	-10.6	-15.3	246.7	13.7	12.6	5.4	320.3	327.5	2.3	68.3	3.6	44.
19.1	58.8	6203.2	475.0	-13.4	-16.8	252.5	10.0	9.5	3.0	321.4	328.3	2.2	75.0	4.2	48.
20.4	61.9	6612.5	450.0	-16.3	-18.5	254.5	7.0	6.8	1.9	322.7	329.1	2.0	83.5	4.8	52.
21.9	65.0	7040.3	425.0	-18.9	-21.3	263.9	10.1	10.1	0.9	324.7	330.1	1.6	81.2	5.4	55.
24.1	68.3	7490.0	400.0	-21.9	-25.6	261.5	14.9	14.8	2.2	325.5	330.5	1.2	71.7	6.9	63.
26.5	71.6	7963.1	375.0	-24.5	-28.1	248.3	17.1	15.4	7.4	329.2	332.7	1.0	71.8	9.2	65.
28.5	75.1	8462.7	350.0	-27.5	-31.0	228.3	22.7	16.4	15.7	331.6	334.5	0.8	71.9	11.3	63.
29.9	78.7	8993.1	325.0	-30.5	-34.1	221.5	29.6	19.6	22.2	333.7	337.0	0.6	70.2	13.5	60.
31.4	82.6	9557.8	300.0	-34.3	-38.0	223.1	34.0	23.3	24.8	337.1	338.8	0.5	68.5	16.3	57.
32.8	86.5	10161.2	275.0	-38.8	-42.9	223.6	38.4	26.0	28.3	339.1	340.2	0.3	64.3	19.3	55.
34.2	90.8	10807.3	250.0	-44.4	99.9	223.0	39.6	27.0	28.9	340.1	999.9	99.9	999.9	22.6	53.
35.6	95.2	11503.6	225.0	-50.1	99.9	226.6	39.0	28.3	28.8	341.6	999.9	99.9	999.9	25.7	52.
37.0	100.0	12262.8	200.0	-56.1	99.9	226.1	40.3	29.0	27.9	344.0	999.9	99.9	999.9	29.1	51.
38.8	105.4	13101.9	175.0	-61.1	99.9	223.1	40.8	27.8	29.8	349.1	999.9	99.9	999.9	33.3	50.
41.0	112.8	14047.4	150.0	-67.5	99.9	233.7	48.1	38.7	28.4	353.9	999.9	99.9	999.9	39.3	50.
43.0	117.0	15152.1	125.0	-65.1	99.9	252.6	33.2	31.7	9.9	377.1	999.9	99.9	999.9	44.6	51.
46.1	124.0	16519.0	100.0	-62.2	99.9	599.9	99.9	99.9	99.9	407.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
 MOUNTAIN VIEW, OKLAHOMA

 20 MAY 1979
 2137 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	417.0	959.5	24.0	17.5	40.0	3.0	-1.9	-2.3	300.7	336.0	13.3	67.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	10.8	504.5	950.0	23.9	17.9	58.7	11.0	-9.9	-6.0	301.5	338.3	13.8	69.0	0.3	225.
1.2	12.9	737.8	925.0	22.3	17.3	59.9	12.2	-10.5	-6.1	302.1	338.5	13.6	73.6	0.8	233.
2.1	15.1	975.9	900.0	20.4	17.5	67.6	12.8	-11.8	-4.9	302.5	340.5	14.2	83.8	1.5	237.
3.0	17.3	1219.5	875.0	18.5	17.4	90.6	11.3	-11.3	0.1	303.1	341.9	14.5	92.9	2.2	243.
4.0	19.5	1488.8	850.0	17.4	16.3	123.5	9.4	-7.8	5.2	304.4	342.1	13.9	93.2	2.6	252.
5.0	21.9	1724.4	825.0	16.5	13.3	138.6	7.6	-5.0	5.7	306.4	338.4	11.8	81.7	2.9	261.
5.9	24.3	1987.1	800.0	16.2	9.9	155.6	6.5	-2.7	5.9	308.5	335.5	9.7	66.2	3.1	267.
6.7	26.6	2257.4	775.0	15.3	6.2	174.6	5.7	-0.5	5.7	310.2	332.4	7.8	55.0	3.1	273.
7.5	29.1	2534.5	750.0	13.4	3.4	185.2	4.0	0.4	3.9	311.1	330.0	6.5	50.8	3.1	277.
8.3	31.6	2818.9	725.0	10.8	1.9	220.4	4.2	2.7	3.2	311.3	329.0	6.1	53.9	3.1	280.
9.3	34.1	3110.4	700.0	8.0	1.7	242.4	4.7	4.2	2.2	311.3	329.3	6.2	64.7	2.9	284.
10.5	36.6	3405.3	675.0	4.6	0.2	251.2	3.8	3.6	1.2	310.9	327.6	5.8	72.8	2.7	288.
11.8	39.3	3715.9	650.0	2.0	-0.4	307.6	2.9	2.3	-1.7	311.2	327.9	5.7	83.8	2.5	290.
13.0	41.9	4032.1	625.0	0.4	-2.7	329.8	6.2	3.1	-5.3	312.5	327.7	5.0	79.4	2.3	286.
14.2	44.7	4358.8	600.0	-2.0	-4.4	314.9	10.1	7.1	-7.1	313.9	327.6	4.6	63.2	1.8	274.
16.3	47.4	4696.3	575.0	-4.2	-6.4	309.1	12.7	9.9	-8.0	315.1	327.6	4.1	84.5	1.2	223.
18.4	50.1	5046.1	550.0	-6.0	-7.6	290.3	18.1	17.0	-6.3	317.0	329.0	3.9	87.8	1.9	156.
20.5	53.0	5409.4	525.0	-8.3	-9.5	273.9	21.3	21.3	-1.4	318.5	329.5	3.6	90.9	4.1	125.
22.2	56.0	5788.3	500.0	-9.3	-10.1	250.6	22.0	20.8	7.3	321.7	332.8	3.5	93.4	5.9	111.
24.0	59.0	6185.1	475.0	-10.3	-11.3	234.5	18.6	15.1	10.8	325.3	336.1	3.4	92.5	7.5	97.
25.7	62.0	6599.6	450.0	-13.1	-14.2	224.9	14.1	10.0	10.0	326.8	335.9	2.8	91.5	8.7	89.
27.3	65.1	7033.6	425.0	-15.9	-17.4	218.4	13.9	8.6	10.9	328.4	336.1	2.3	87.9	9.6	83.
28.6	68.4	7488.2	400.0	-19.0	-20.8	217.9	13.9	8.5	11.0	330.3	336.4	1.8	85.5	10.4	79.
29.9	71.9	7966.2	375.0	-22.2	-24.5	209.5	17.4	8.6	15.1	332.2	337.0	1.4	81.9	11.3	75.
31.3	75.3	8470.5	350.0	-25.6	-28.5	201.0	20.1	7.2	18.7	334.2	337.8	1.0	76.4	12.4	69.
32.9	79.0	9003.5	325.0	-25.4	-32.6	197.6	23.1	7.0	22.1	336.1	338.8	0.7	73.5	13.7	62.
34.4	82.7	9570.2	300.0	-33.8	-37.7	201.5	26.9	9.9	25.0	337.8	339.6	0.5	67.4	15.5	57.
36.0	86.7	10174.4	275.0	-38.7	-43.1	197.3	28.5	8.5	27.2	339.2	340.3	0.3	62.9	17.6	52.
37.8	90.8	10820.9	250.0	-44.2	-49.9	194.0	30.2	7.3	29.3	340.4	340.9	99.9	999.9	20.4	46.
39.8	95.2	11518.5	225.0	-49.6	-55.9	193.5	29.1	6.8	28.3	342.5	342.5	99.9	999.9	23.4	41.
41.9	100.0	12279.8	200.0	-55.4	-62.8	194.6	28.7	7.3	27.8	345.0	345.0	99.9	999.9	26.6	38.
43.5	105.0	13117.1	175.0	-62.8	-69.7	202.3	31.6	12.0	29.2	348.3	348.3	99.9	999.9	29.4	36.
45.6	110.6	14051.2	150.0	-69.7	-77.9	214.7	32.8	18.7	26.9	350.1	350.1	99.9	999.9	33.4	35.
48.4	116.7	15148.1	125.0	-64.7	-79.9	238.4	29.7	25.3	15.6	377.8	377.8	99.9	999.9	38.7	37.
51.7	124.0	16516.1	100.0	-61.3	-82.9	259.9	29.9	99.9	99.9	409.3	409.3	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

21 MAY 1979														107 178. 0		
205 GMT														RH	RANGE KM	AZ DG
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT			
0.0	9.5	417.0	961.9	18.7	18.0	20.0	4.0	-1.4	-3.8	295.1	330.7	13.7	96.0	0.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	10.7	524.5	950.0	18.8	17.8	67.9	17.0	-15.8	-6.4	290.3	332.1	13.7	93.8	0.2	208.	0.2
1.2	13.2	753.8	925.0	17.7	15.4	74.0	15.2	-14.6	-4.2	297.4	329.2	12.0	86.4	0.8	239.	0.8
2.1	15.7	989.1	900.0	18.5	13.0	77.8	14.0	-13.7	-2.9	300.6	329.1	10.6	70.3	1.6	249.	1.6
2.9	18.2	1230.8	875.0	17.4	12.0	77.4	8.6	-8.4	-1.9	301.9	329.4	10.1	70.6	2.2	251.	2.2
3.7	20.8	1478.7	850.0	16.9	9.9	90.4	4.5	-4.5	0.5	303.9	328.9	9.1	63.5	2.5	252.	2.5
4.5	23.3	1733.3	825.0	16.1	8.6	110.4	3.5	-3.3	1.2	305.8	329.5	8.6	61.1	2.6	254.	2.6
5.4	25.9	1994.3	800.0	13.4	7.0	103.8	3.6	-3.5	0.8	305.8	327.6	7.9	65.1	2.7	256.	2.7
6.5	28.6	2261.4	775.0	11.5	5.9	103.6	5.2	-5.0	1.2	306.2	327.4	7.6	68.5	3.0	259.	3.0
7.6	31.2	2535.3	750.0	10.0	5.3	98.0	5.7	-5.6	0.8	307.5	328.6	7.5	72.5	3.4	261.	3.4
8.7	33.9	2816.3	725.0	7.6	4.4	114.3	4.0	-3.6	1.6	307.8	328.4	7.3	79.8	3.7	263.	3.7
9.8	36.7	3105.0	700.0	5.3	4.1	163.8	2.4	-0.7	2.3	308.8	329.4	7.4	91.8	3.8	265.	3.8
10.8	39.5	3401.9	675.0	3.4	2.6	224.6	3.6	2.4	2.6	309.2	329.1	6.9	94.2	3.8	267.	3.8
11.9	42.3	3707.8	650.0	1.4	0.8	246.3	7.4	6.8	3.0	310.4	328.7	6.3	95.2	3.4	270.	3.4
12.9	45.3	4024.1	625.0	1.2	0.3	244.5	9.9	8.9	4.3	313.8	332.3	6.3	93.9	2.9	274.	2.9
14.0	48.2	4382.2	600.0	-1.2	-2.5	238.1	11.2	9.5	5.9	314.8	330.5	5.3	90.5	2.4	282.	2.4
15.0	51.3	4690.7	575.0	-3.6	-4.8	232.8	11.9	9.5	7.2	315.8	329.8	4.7	91.2	2.0	297.	2.0
16.1	54.3	5041.1	550.0	-5.5	-6.8	226.8	13.1	9.6	9.0	317.6	330.3	4.2	90.4	1.8	322.	1.8
17.4	57.5	5405.2	525.0	-7.9	-8.5	221.3	15.3	10.1	11.5	319.0	330.7	3.8	95.1	2.3	351.	2.3
18.6	60.7	5783.5	500.0	-10.1	-10.7	218.1	15.6	9.6	12.2	320.8	331.3	3.4	95.1	3.1	7.	3.1
20.2	64.0	6177.6	475.0	-12.1	-13.1	208.1	13.8	6.5	12.1	323.0	332.3	2.9	92.4	4.4	15.	4.4
21.6	67.4	6590.2	450.0	-14.5	-15.6	200.2	12.8	4.4	12.0	325.1	333.2	2.5	90.7	5.5	17.	5.5
23.1	70.9	7022.0	425.0	-16.5	-17.9	205.0	13.8	5.8	12.5	327.6	335.0	2.2	88.8	6.7	17.	6.7
24.7	74.5	7475.7	400.0	-19.6	-21.3	228.3	14.1	10.5	9.3	329.6	335.4	1.7	86.4	8.0	20.	8.0
26.3	78.3	7952.4	375.0	-22.9	-24.9	245.7	14.2	12.9	5.8	331.3	335.8	1.3	83.6	9.1	26.	9.1
27.9	82.1	8454.6	350.0	-26.9	-29.4	247.8	14.7	13.6	5.5	332.5	335.8	1.0	79.6	10.1	31.	10.1
29.7	86.2	8984.8	325.0	-31.3	-34.2	245.7	12.9	11.7	5.3	333.6	335.9	0.6	75.2	11.4	35.	11.4
31.5	90.3	9547.5	300.0	-35.4	-38.8	245.4	13.8	13.9	5.2	335.2	337.1	0.4	70.8	12.6	38.	12.6
33.3	94.8	10146.4	275.0	-40.6	-43.9	253.4	22.4	21.7	5.7	336.4	339.9	99.9	99.9	14.3	43.	14.3
35.1	99.5	10787.4	250.0	-46.6	-49.9	254.8	23.1	24.2	6.6	336.5	339.9	99.9	99.9	16.6	48.	16.6
37.0	104.4	11478.2	225.0	-52.3	-55.9	241.5	22.6	19.8	10.8	338.8	339.9	99.9	99.9	19.1	51.	19.1
39.1	109.8	12228.6	200.0	-58.9	-62.9	99.9	99.9	99.9	99.9	339.4	339.9	99.9	99.9	21.8	52.	21.8
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
 MOUNTAIN VIEW, OKLAHOMA

21 MAY 1979 00Z GMT														24 746.0			
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT Y	E POT Y	MX RTO	RH	RANGE	AZ		
MIN		GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT	KM	DG		
0.0	8.9	417.0	965.7	17.9	17.6	10.0	1.0	-0.2	-1.0	294.6	328.3	13.2	98.0	0.0	0.		
99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
0.7	10.4	557.4	950.0	16.5	15.4	51.5	5.3	-4.2	-3.3	294.0	324.8	11.9	94.3	0.2	216.		
1.6	12.8	786.3	925.0	14.4	13.3	78.2	6.8	-6.7	-1.4	294.0	321.5	10.5	93.4	0.5	235.		
2.6	15.3	1016.5	900.0	13.9	12.8	73.7	6.4	-6.1	-1.8	295.5	323.3	10.4	92.8	0.9	248.		
3.5	17.8	1254.2	875.0	13.2	11.9	15.1	3.9	-1.0	-2.8	297.5	324.4	10.1	91.7	1.2	246.		
4.5	20.2	1499.0	850.0	13.0	11.4	340.5	4.7	1.6	-4.4	299.2	326.8	10.0	89.6	1.2	235.		
5.3	22.6	1749.9	825.0	11.3	8.0	324.2	5.0	2.2	-4.5	300.5	323.0	8.2	80.2	1.3	224.		
6.4	25.3	2006.4	800.0	9.2	5.0	999.9	99.9	99.9	99.9	300.5	319.9	6.9	75.4	1.4	212.		
7.5	27.9	2268.4	775.0	5.9	1.9	999.9	99.9	99.9	99.9	300.2	316.0	5.7	75.7	999.9	999.		
8.5	30.6	2535.1	750.0	1.0	-3.0	999.9	99.9	99.9	99.9	297.6	309.1	4.1	74.9	999.9	999.		
99.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.		

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

21 MAY 1979
002 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'T DEG K	E POT T DEG K	MX RTG CM/KG	RH PCT	RANGE NM	AZ DEG
0.0	9.7	417.0	963.0	17.6	17.1	10.0	4.0	-0.7	-3.9	293.6	327.3	12.9	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.6	10.8	533.7	950.0	17.5	16.5	52.3	9.4	-7.5	-5.8	295.0	327.7	12.6	94.0	0.3	223.
1.3	13.0	762.2	925.0	16.9	15.7	73.4	10.4	-10.0	-3.0	296.6	328.8	12.3	93.2	0.7	235.
2.2	15.3	996.4	900.0	16.4	13.5	80.2	8.4	-8.3	-1.4	298.2	327.6	10.9	83.0	1.2	248.
3.1	17.5	1236.5	875.0	15.1	11.3	62.5	6.6	-5.9	-3.1	299.5	325.5	9.7	77.9	1.5	249.
3.9	19.8	1482.1	850.0	14.4	9.3	59.2	6.4	-5.9	-3.3	301.3	323.0	8.7	71.1	1.9	246.
4.7	22.1	1734.6	825.0	13.6	6.2	64.5	6.4	-6.2	-2.7	303.8	323.1	7.2	60.7	2.2	246.
5.4	24.5	1953.8	800.0	12.4	4.7	64.1	5.2	-4.7	-2.3	304.4	323.2	6.7	59.3	2.4	246.
6.2	26.8	2259.3	775.0	10.1	3.4	51.1	4.3	-3.4	-2.7	304.7	322.6	6.3	62.9	2.6	246.
7.0	29.2	2531.2	750.0	7.7	4.5	21.9	3.8	-1.4	-3.5	305.0	324.8	7.1	79.8	2.8	244.
7.9	31.7	2810.6	725.0	6.4	2.7	336.0	6.7	2.7	-6.1	306.5	324.8	6.4	77.1	2.9	240.
8.8	34.1	3097.6	700.0	4.5	1.7	322.1	11.2	6.9	-8.8	307.4	325.1	6.2	82.1	2.9	230.
9.9	36.6	3394.4	675.0	4.1	-2.0	310.1	14.2	10.8	-9.1	310.3	324.7	4.9	64.5	3.0	216.
10.8	39.2	3701.3	650.0	3.4	-6.6	297.3	15.9	14.1	-7.3	312.9	323.5	3.5	47.0	3.1	199.
11.8	41.8	4018.6	625.0	1.5	-9.7	289.0	17.8	16.8	-5.8	314.2	323.2	2.9	43.1	3.3	180.
12.8	44.4	4346.1	600.0	-1.0	-8.1	285.2	17.9	17.3	-4.7	315.0	325.5	3.5	58.5	3.7	164.
13.7	47.1	4684.5	575.0	-3.3	-8.9	285.8	17.3	16.6	-4.7	316.2	326.6	3.4	64.9	4.3	153.
14.8	49.9	5034.7	550.0	-5.9	-9.4	278.6	15.6	15.4	-2.3	317.1	327.5	3.4	76.5	5.1	144.
15.8	52.7	5398.5	525.0	-7.7	-9.2	275.7	12.2	12.1	-1.2	319.2	320.5	3.6	88.9	5.7	137.
16.9	55.6	5777.0	500.0	-10.2	-11.5	282.8	9.5	9.2	-2.1	320.6	330.5	3.2	89.9	6.3	133.
18.1	59.6	6170.9	475.0	-12.7	-13.9	273.9	9.1	9.1	-0.6	322.3	331.0	2.7	90.2	6.8	131.
19.2	61.6	6582.1	450.0	-15.3	-16.6	250.5	12.4	11.7	4.1	324.1	331.6	2.3	89.7	7.2	126.
20.3	64.8	7012.4	425.0	-18.1	-19.3	233.3	15.1	12.1	9.0	325.8	332.2	1.9	89.7	7.7	120.
21.5	69.0	7462.6	400.0	-21.5	-24.4	217.5	17.0	10.4	13.5	327.1	331.5	1.3	76.7	8.1	112.
22.8	71.4	7934.6	375.0	-26.2	-33.6	206.3	28.0	8.9	18.0	326.9	329.5	0.8	60.0	8.4	102.
24.1	74.9	8430.7	350.0	-28.4	-54.6	206.2	24.5	10.8	22.0	330.5	330.8	0.1	6.0	8.9	91.
25.5	78.4	8957.4	325.0	-32.7	-57.8	210.8	27.2	13.9	23.4	331.6	331.8	0.0	6.1	10.1	81.
26.9	82.2	9515.4	300.0	-37.1	-60.2	213.6	25.9	16.0	24.1	333.1	333.3	0.0	6.9	11.8	72.
29.4	86.2	10111.0	275.0	-41.8	99.9	212.1	30.5	16.2	25.9	334.7	999.9	99.9	999.9	14.1	65.
30.1	90.3	10745.3	250.0	-47.1	99.9	212.6	30.5	16.5	25.7	336.1	999.9	99.9	999.9	16.7	59.
31.8	94.8	11437.6	225.0	-53.0	99.9	218.2	32.9	17.5	27.4	337.3	999.9	99.9	999.9	19.7	55.
33.4	99.5	12187.5	200.0	-58.3	99.9	218.2	32.0	19.8	25.2	340.5	999.9	99.9	999.9	22.7	52.
35.2	104.6	13017.9	175.0	-63.2	99.9	224.8	32.5	22.9	23.1	345.6	999.9	99.9	999.9	26.0	51.
37.3	110.2	13963.2	150.0	-61.8	99.9	228.8	37.7	28.3	24.8	363.2	999.9	99.9	999.9	30.3	50.
39.5	116.2	15050.1	125.0	-63.3	99.9	241.1	30.0	26.2	14.5	380.5	999.9	99.9	999.9	35.2	50.
42.4	123.2	16467.8	100.0	-62.8	99.9	999.9	99.9	99.9	99.9	406.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

21 MAY 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DEG
0.0	10.2	417.0	963.3	17.0	16.5	380.0	2.0	0.3	-2.0	293.3	325.4	12.4	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	11.5	536.2	950.0	17.1	16.2	38.6	7.0	-4.4	-5.5	294.2	326.5	12.3	94.4	0.3	204.
1.2	14.0	763.9	925.0	15.4	14.6	52.7	8.0	-6.9	-5.3	295.1	325.0	11.4	94.6	0.6	219.
1.8	16.5	996.8	900.0	14.6	13.2	55.6	9.1	-7.5	-5.1	296.6	324.9	10.7	91.1	0.9	225.
2.6	19.0	1235.3	875.0	14.1	11.9	60.0	8.4	-7.3	-4.2	298.4	325.4	10.1	87.0	1.3	229.
3.3	21.5	1489.7	850.0	13.5	10.1	57.2	7.0	-5.9	-3.6	300.3	325.2	9.2	80.2	1.6	231.
4.0	24.1	1732.0	825.0	11.9	8.6	67.5	4.5	-4.1	-1.7	301.2	324.6	8.6	80.1	1.9	232.
4.8	26.7	1990.0	800.0	11.1	5.8	99.4	3.9	-3.8	0.6	303.0	323.2	7.3	69.9	2.0	234.
5.7	29.3	2254.5	775.0	9.0	3.9	98.1	5.8	-5.8	0.6	303.5	321.8	6.6	70.4	2.2	239.
6.5	32.0	2525.5	750.0	7.2	2.9	92.9	5.1	-5.1	0.3	304.4	322.1	6.3	74.2	2.4	244.
7.3	34.7	2804.3	725.0	5.8	2.2	68.6	2.2	-2.1	-0.8	305.8	323.4	6.2	77.6	2.6	245.
8.1	37.4	3091.6	700.0	4.7	1.5	19.3	1.3	-0.4	-1.2	307.7	325.2	6.1	80.0	2.7	245.
9.0	40.2	3387.8	675.0	3.0	-0.0	329.7	2.2	1.1	-1.9	309.1	325.5	5.7	80.4	2.7	243.
9.8	43.1	3693.0	650.0	1.0	-3.1	307.6	5.1	4.1	-3.1	310.1	323.9	4.7	74.0	2.6	239.
10.8	46.0	4007.8	625.0	-1.0	-3.7	297.3	7.6	6.7	-3.5	311.2	325.0	4.7	81.7	2.5	232.
11.8	48.9	4333.0	600.0	-2.4	-8.7	298.1	7.7	6.8	-3.6	313.4	323.4	3.3	61.7	2.3	221.
12.7	52.0	4669.5	575.0	-4.9	-12.3	297.9	7.7	6.8	-3.6	315.3	322.3	2.6	55.8	2.3	211.
13.6	55.0	5016.0	550.0	-7.1	-15.4	280.6	8.9	8.8	-1.6	315.6	322.2	2.1	51.4	2.2	200.
14.6	58.3	5380.3	525.0	-8.7	-15.3	267.2	10.8	10.8	0.5	316.0	323.1	1.6	42.0	2.1	184.
15.6	61.5	5757.0	500.0	-11.0	-31.5	266.6	12.5	12.5	0.7	315.7	321.8	0.6	19.1	2.1	165.
16.6	64.8	6149.2	475.0	-13.4	-52.2	266.2	13.8	13.8	0.9	321.4	321.7	0.1	2.2	2.4	146.
17.8	68.3	6558.0	450.0	-16.8	-59.1	262.3	13.4	13.3	1.8	322.1	322.2	0.0	1.8	3.0	129.
19.0	71.7	6984.5	425.0	-20.0	-62.7	262.1	12.4	12.3	1.7	323.3	323.4	0.0	1.0	3.7	119.
20.2	75.4	7430.7	400.0	-24.0	-65.2	255.1	12.4	12.0	3.2	323.8	323.9	0.0	1.0	4.4	112.
21.3	79.1	7898.0	375.0	-27.9	-67.8	241.1	12.7	11.1	6.1	324.7	324.7	0.0	1.0	5.1	105.
22.7	83.0	8390.0	350.0	-31.2	-69.9	228.8	15.5	11.6	10.2	325.7	326.8	0.0	1.0	5.8	97.
24.0	87.1	8911.6	325.0	-34.8	-68.2	216.2	19.8	11.7	16.0	326.7	329.0	0.1	13.5	6.7	87.
25.4	91.3	9467.9	300.0	-37.3	-44.0	225.4	21.8	15.6	15.3	332.7	333.7	0.2	49.4	8.0	77.
26.9	95.8	10063.0	275.0	-42.0	99.9	228.8	23.7	17.8	15.6	334.4	999.9	99.9	999.9	9.8	72.
29.4	100.4	10700.8	250.0	-47.3	99.9	225.5	27.2	19.4	19.1	335.7	999.9	99.9	999.9	12.0	67.
29.8	105.4	11387.8	225.0	-53.3	99.9	232.7	32.4	25.7	19.6	335.8	999.9	99.9	999.9	14.3	64.
31.4	110.8	12139.1	200.0	-56.8	99.9	235.4	33.1	27.2	18.8	342.9	999.9	99.9	999.9	17.7	62.
33.3	116.5	12976.9	175.0	-61.7	99.9	234.3	29.6	24.1	17.3	348.1	999.9	99.9	999.9	20.8	61.
35.6	123.0	13927.3	150.0	-61.5	99.9	239.9	34.1	29.5	17.1	364.1	999.9	99.9	999.9	25.4	60.
38.0	130.0	15071.7	125.0	-60.6	99.9	999.9	99.9	99.9	99.9	383.2	999.9	99.9	999.9	29.7	61.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
SEILING, OKLAHOMA

20 MAY 1979
1105 GMT

125 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEV PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	589.0	940.9	15.3	15.1	999.9	99.9	99.9	99.9	293.5	323.7	11.6	99.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	13.7	734.4	925.0	16.1	14.9	999.9	99.9	99.9	99.9	295.8	326.3	11.6	92.5	999.9	999.9
1.5	16.2	969.5	900.0	19.9	12.7	999.9	99.9	99.9	99.9	302.0	330.1	10.4	63.5	999.9	999.9
2.2	18.7	1212.3	875.0	18.1	13.4	999.9	99.9	99.9	99.9	302.6	332.7	11.1	73.9	999.9	999.9
3.0	21.2	1460.8	850.0	17.2	13.3	999.9	99.9	99.9	99.9	304.2	335.4	11.4	77.8	999.9	999.9
4.0	23.7	1715.1	825.0	14.8	11.7	999.9	99.9	99.9	99.9	304.3	333.2	10.6	81.7	999.9	999.9
5.1	26.3	1976.9	800.0	16.6	7.6	999.9	99.9	99.9	99.9	308.2	332.1	8.2	55.4	999.9	999.9
6.3	28.9	2246.9	775.0	14.5	6.5	999.9	99.9	99.9	99.9	309.4	331.8	7.9	58.8	999.9	999.9
7.5	31.6	2523.2	750.0	12.1	4.4	999.9	99.9	99.9	99.9	309.8	329.9	7.0	59.3	999.9	999.9
8.6	34.2	2806.8	725.0	10.6	2.3	999.9	99.9	99.9	99.9	311.1	329.2	6.3	56.5	999.9	999.9
9.7	36.9	3098.8	700.0	9.2	-1.9	999.9	99.9	99.9	99.9	312.7	326.8	4.8	45.6	999.9	999.9
10.8	39.7	3399.1	675.0	6.5	-2.5	999.9	99.9	99.9	99.9	312.5	325.9	4.7	52.9	999.9	999.9
11.9	42.6	3707.3	650.0	3.1	-3.9	999.9	99.9	99.9	99.9	312.4	325.5	4.4	60.1	999.9	999.9
13.1	45.4	4023.7	625.0	0.0	-8.1	999.9	99.9	99.9	99.9	312.5	322.6	3.4	54.6	999.9	999.9
14.3	48.4	4349.7	600.0	-1.7	-21.5	999.9	99.9	99.9	99.9	314.1	317.8	1.1	20.3	999.9	999.9
15.3	51.4	4686.8	575.0	-4.3	-22.5	999.9	99.9	99.9	99.9	315.0	318.5	1.1	20.3	999.9	999.9
16.5	54.4	5035.4	550.0	-6.5	-26.3	999.9	99.9	99.9	99.9	316.4	319.1	0.8	19.1	999.9	999.9
17.9	57.5	5357.5	525.0	-8.5	-55.2	999.9	99.9	99.9	99.9	318.2	318.4	0.0	1.0	999.9	999.9
19.4	60.8	5774.9	500.0	-10.3	-56.4	999.9	99.9	99.9	99.9	320.5	320.7	0.0	1.0	999.9	999.9
20.9	64.0	6169.5	475.0	-11.5	-57.2	999.9	99.9	99.9	99.9	323.5	323.9	0.0	1.0	999.9	999.9
22.6	67.4	6581.8	450.0	-14.7	-59.2	999.9	99.9	99.9	99.9	324.2	324.9	0.0	1.0	999.9	999.9
24.3	70.9	7011.3	425.0	-18.4	-40.9	999.9	99.9	99.9	99.9	325.4	326.3	0.2	11.8	999.9	999.9
25.9	74.5	7460.0	400.0	-22.8	-35.4	999.9	99.9	99.9	99.9	325.4	327.1	0.5	30.6	999.9	999.9
27.5	78.2	7929.4	375.0	-26.6	-30.0	999.9	99.9	99.9	99.9	326.4	329.3	0.8	72.5	999.9	999.9
29.3	82.0	8424.2	350.0	-30.3	-32.7	999.9	99.9	99.9	99.9	328.8	330.4	0.7	78.7	999.9	999.9
31.1	86.1	8948.3	325.0	-33.8	-39.8	999.9	99.9	99.9	99.9	330.2	331.5	0.4	54.3	999.9	999.9
33.1	90.3	9504.2	300.0	-38.6	-49.0	999.9	99.9	99.9	99.9	330.9	331.5	0.1	32.2	999.9	999.9
35.2	94.7	10098.0	275.0	-41.9	99.9	999.9	99.9	99.9	99.9	334.5	999.9	99.9	999.9	999.9	999.9
37.8	99.4	10736.2	250.0	-47.2	99.9	999.9	99.9	99.9	99.9	335.9	999.9	99.9	999.9	999.9	999.9
40.5	104.4	11425.5	225.0	-52.0	99.9	999.9	99.9	99.9	99.9	338.2	999.9	99.9	999.9	999.9	999.9
43.8	109.8	12178.9	200.0	-57.7	99.9	999.9	99.9	99.9	99.9	341.4	999.9	99.9	999.9	999.9	999.9
46.9	115.5	13010.8	175.0	-63.7	99.9	999.9	99.9	99.9	99.9	344.9	999.9	99.9	999.9	999.9	999.9
50.5	122.0	13947.1	150.0	-66.7	99.9	999.9	99.9	99.9	99.9	355.3	999.9	99.9	999.9	999.9	999.9
54.7	128.7	15056.2	125.0	-64.3	99.9	999.9	99.9	99.9	99.9	378.7	999.9	99.9	999.9	999.9	999.9
59.7	136.5	16423.2	100.0	-62.9	99.9	999.9	99.9	99.9	99.9	406.2	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
SEILING, OKLAHOMA
20 MAY 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.8	589.0	944.3	19.0	16.4	99.9	99.9	99.9	99.9	297.2	330.1	12.6	85.0	999.9	999.9
99.9	99.9	1000.0	944.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	13.6	765.8	925.0	16.1	14.1	99.9	99.9	99.9	99.9	295.8	324.9	11.1	88.1	999.9	999.9
1.6	16.1	998.3	900.0	16.0	12.4	99.9	99.9	99.9	99.9	298.0	325.0	10.1	78.9	999.9	999.9
2.6	18.5	1239.2	875.0	15.2	11.9	99.9	99.9	99.9	99.9	299.8	326.7	10.1	81.1	999.9	999.9
3.6	20.9	1486.0	850.0	16.4	11.0	99.9	99.9	99.9	99.9	303.3	330.0	9.8	70.3	999.9	999.9
4.6	23.5	1740.2	825.0	14.5	12.0	99.9	99.9	99.9	99.9	303.5	333.5	10.8	85.6	999.9	999.9
5.6	26.0	2000.8	800.0	14.6	7.9	99.9	99.9	99.9	99.9	306.7	330.3	8.4	64.3	999.9	999.9
6.6	28.6	2269.6	775.0	13.3	6.0	99.9	99.9	99.9	99.9	308.1	329.7	7.6	61.4	999.9	999.9
7.4	31.1	2545.4	750.0	12.3	5.0	99.9	99.9	99.9	99.9	309.9	330.9	7.3	61.0	999.9	999.9
8.5	33.8	2828.8	725.0	9.9	4.1	99.9	99.9	99.9	99.9	310.3	330.6	7.1	67.2	999.9	999.9
9.6	36.4	3119.7	700.0	8.0	1.5	99.9	99.9	99.9	99.9	311.3	329.1	6.1	63.6	999.9	999.9
10.8	39.2	3418.7	675.0	5.1	-0.8	99.9	99.9	99.9	99.9	311.3	327.0	5.4	65.9	999.9	999.9
12.0	42.0	3725.9	650.0	3.6	-4.1	99.9	99.9	99.9	99.9	313.0	326.0	4.4	57.2	999.9	999.9
13.2	44.8	4043.3	625.0	0.6	-5.4	99.9	99.9	99.9	99.9	313.2	325.4	4.1	63.6	999.9	999.9
14.5	47.7	4369.5	600.0	-1.8	-12.6	99.9	99.9	99.9	99.9	314.1	321.7	2.5	44.6	999.9	999.9
15.8	50.7	4707.3	575.0	-3.5	-15.2	99.9	99.9	99.9	99.9	315.9	322.4	2.1	39.9	999.9	999.9
16.9	53.6	5057.5	550.0	-5.4	-25.0	99.9	99.9	99.9	99.9	317.7	320.7	0.9	19.7	999.9	999.9
18.3	56.8	5421.0	525.0	-7.3	-28.0	99.9	99.9	99.9	99.9	319.7	322.2	0.7	17.1	999.9	999.9
19.4	60.0	5798.5	500.0	-10.2	-21.0	99.9	99.9	99.9	99.9	320.7	325.3	1.4	40.7	999.9	999.9
21.1	63.1	6194.0	475.0	-11.2	-26.5	99.9	99.9	99.9	99.9	324.1	327.2	0.9	26.8	999.9	999.9
22.6	66.6	6606.1	450.0	-15.0	-28.6	99.9	99.9	99.9	99.9	324.4	327.1	0.8	30.1	999.9	999.9
24.2	70.0	7035.0	425.0	-19.1	-29.5	99.9	99.9	99.9	99.9	324.5	327.2	0.8	38.9	999.9	999.9
25.8	73.6	7483.6	400.0	-22.6	-27.1	99.9	99.9	99.9	99.9	325.7	329.2	1.0	66.5	999.9	999.9
27.4	77.3	7954.0	375.0	-26.4	-30.7	99.9	99.9	99.9	99.9	326.7	329.4	0.8	67.1	999.9	999.9
29.4	81.2	8448.6	350.0	-30.6	-32.0	99.9	99.9	99.9	99.9	327.5	330.1	0.7	87.1	999.9	999.9
31.4	85.2	8971.5	325.0	-34.2	-40.1	99.9	99.9	99.9	99.9	329.8	330.8	0.4	55.0	999.9	999.9
33.5	89.3	9527.6	300.0	-38.1	-43.3	99.9	99.9	99.9	99.9	331.7	332.8	0.3	57.5	999.9	999.9
35.8	93.8	10120.5	275.0	-42.6	-46.8	99.9	99.9	99.9	99.9	333.6	333.6	99.9	999.9	999.9	999.9
38.4	98.6	10758.7	250.0	-46.8	99.9	99.9	99.9	99.9	99.9	336.4	336.4	99.9	999.9	999.9	999.9
41.1	103.5	11450.8	225.0	-51.6	99.9	99.9	99.9	99.9	99.9	339.5	339.5	99.9	999.9	999.9	999.9
44.1	108.8	12205.5	200.0	-57.0	99.9	99.9	99.9	99.9	99.9	342.5	342.5	99.9	999.9	999.9	999.9
47.6	114.7	13041.0	175.0	-61.9	99.9	99.9	99.9	99.9	99.9	347.8	347.8	99.9	999.9	999.9	999.9
51.2	121.0	13983.3	150.0	-65.8	99.9	99.9	99.9	99.9	99.9	356.7	356.7	99.9	999.9	999.9	999.9
55.5	128.0	15096.9	125.0	-63.9	99.9	99.9	99.9	99.9	99.9	379.4	379.4	99.9	999.9	999.9	999.9
60.6	135.7	16479.5	100.0	-58.5	99.9	99.9	99.9	99.9	99.9	414.7	414.7	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
 SEILING, OKLAHOMA

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG M	E POT Y DG K	MX RTO GM/KG	RH PCT	125 97. 0	
														RANGE KM	AZ DG
0.0	11.5	589.0	945.7	22.0	13.9	250.0	10.0	9.4	3.4	299.9	328.4	10.6	60.0	0.0	0.
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	13.5	780.4	925.0	18.4	14.3	55.4	2.4	-2.0	-1.4	298.1	327.9	11.2	77.2	0.1	217.
1.4	15.8	1015.1	900.0	16.3	14.6	43.2	3.0	-2.1	-2.2	298.3	329.4	11.7	89.5	0.2	220.
2.1	18.2	1254.8	875.0	14.4	13.4	56.5	3.7	-3.1	-2.0	298.7	328.5	11.2	94.1	0.3	223.
2.7	20.6	1499.8	850.0	14.0	7.6	75.6	3.5	-3.4	-0.9	308.8	322.2	7.8	66.5	0.5	230.
3.5	23.1	1753.2	825.0	14.6	6.5	76.0	2.9	-2.8	-0.7	308.1	324.7	7.4	58.3	0.6	236.
4.3	25.5	2012.7	800.0	12.9	5.9	66.9	2.5	-2.3	-1.0	308.9	325.5	7.3	62.5	0.7	241.
5.5	28.1	2279.6	775.0	12.7	4.5	74.0	2.7	-2.6	-0.8	307.5	326.9	6.9	57.6	0.9	243.
6.2	31.6	2555.5	750.0	12.4	4.2	69.9	3.2	-3.0	-1.1	310.0	329.9	6.9	57.3	1.1	242.
7.1	33.2	2839.9	725.0	12.6	2.7	80.2	3.2	-3.1	-0.5	313.3	332.2	6.5	50.9	1.2	244.
7.8	35.8	3133.6	700.0	10.7	0.8	101.9	3.8	-3.7	0.8	315.3	331.5	5.8	50.5	1.3	247.
8.7	38.4	3435.2	675.0	7.8	-8.2	121.7	4.4	-3.7	2.3	315.4	326.9	4.2	42.2	1.5	253.
9.8	41.2	3745.6	650.0	6.1*	99.9	999.9	99.9	99.9	99.9	315.6	999.9	99.9	999.9	999.9	999.9
10.9	44.0	4064.8	625.0	3.5*	99.9	999.9	99.9	99.9	99.9	317.2	999.9	99.9	999.9	999.9	999.9
12.1	46.9	4394.2	600.0	1.0*	99.9	999.9	99.9	99.9	99.9	317.6	999.9	99.9	999.9	999.9	999.9
13.4	49.8	4734.2	575.0	-2.0*	99.9	999.9	99.9	99.9	99.9	318.0	999.9	99.9	999.9	999.9	999.9
14.8	52.7	5095.3	550.0	-5.2	-18.1	999.9	99.9	99.9	99.9	318.9	999.9	1.7	35.3	999.9	999.9
16.1	55.8	5448.5	525.0	-8.0	-18.6	999.9	99.9	99.9	99.9	320.5	999.9	1.7	42.1	999.9	999.9
17.4	58.9	5826.1	500.0	-10.3	-33.1	999.9	99.9	99.9	99.9	322.1	999.9	0.4	12.3	999.9	999.9
19.9	62.0	6219.6	475.0	-12.3	-39.4	218.0	2.3	1.4	1.8	322.7	324.9	0.6	20.3	2.2	63.
23.1	65.3	6630.4	450.0	-15.3	-20.2	222.7	2.3	1.6	1.7	324.0	329.5	1.7	66.0	2.4	61.
21.6	69.7	7060.4	425.0	-18.3	-24.4	218.1	1.8	1.1	1.4	325.5	329.7	1.2	58.3	2.6	60.
23.0	72.3	7510.8	400.0	-21.4	-25.4	304.3	1.3	1.1	-0.7	327.1	331.3	1.2	70.3	2.7	59.
24.6	75.9	7982.8	375.0	-25.5	-31.8	999.9	99.9	99.9	99.9	327.9	330.3	0.7	55.3	2.5	60.
26.2	79.6	8480.6	350.0	-28.5	-37.3	999.9	99.9	99.9	99.9	330.4	332.0	0.4	41.9	999.9	999.9
27.8	83.5	9007.4	325.0	-32.6	-40.1	999.9	99.9	99.9	99.9	331.7	333.0	0.4	47.0	999.9	999.9
29.2	87.6	9566.2	300.0	-37.3	-44.5	999.9	99.9	99.9	99.9	332.8	333.7	0.2	46.6	999.9	999.9
31.2	92.0	10162.0	275.0	-41.3	99.9	999.9	99.9	99.9	99.9	333.4	999.9	99.9	999.9	999.9	999.9
33.0	96.6	10803.7	250.0	-45.8	99.9	999.9	99.9	99.9	99.9	337.9	999.9	99.9	999.9	999.9	999.9
35.1	101.4	11497.7	225.0	-50.6	99.9	999.9	99.9	99.9	99.9	340.9	999.9	99.9	999.9	999.9	999.9
37.3	106.8	12256.3	200.0	-56.2	99.9	999.9	99.9	99.9	99.9	343.6	999.9	99.9	999.9	999.9	999.9
40.1	112.6	13095.7	175.0	-60.9	99.9	999.9	99.9	99.9	99.9	348.4	999.9	99.9	999.9	999.9	999.9
43.5	119.0	14042.2	150.0	-66.0	99.9	999.9	99.9	99.9	99.9	350.3	999.9	99.9	999.9	999.9	999.9
47.4	126.0	15156.7	125.0	-62.5	99.9	250.2	15.7	14.8	5.3	381.6	999.9	99.9	999.9	44.5	66.
52.1	134.0	16549.7	100.0	-57.3	99.9	999.9	99.9	99.9	99.9	417.0	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	59.4	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
SEILING, OKLAHOMA20 MAY 1979
2130 GMT

127 97. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	589.0	942.4	22.5	15.8	40.0	11.0	-7.1	-0.4	300.7	333.2	12.1	66.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	13.7	750.5	925.0	19.2	15.1	38.4	10.1	-10.0	-12.6	298.9	330.7	11.9	77.2	0.3	220.
1.5	16.2	985.9	900.0	17.0	14.9	43.4	12.8	-8.8	-9.3	299.0	330.7	11.9	87.3	1.1	220.
2.4	18.7	1224.1	875.0	15.0	13.6	48.4	12.3	-9.2	-8.1	299.4	329.6	11.3	91.2	1.7	222.
3.3	21.2	1471.6	850.0	13.5	11.9	60.4	13.4	-11.7	-6.6	300.3	328.3	10.4	89.9	2.4	225.
4.1	23.7	1723.5	825.0	13.0	9.7	72.6	12.0	-11.4	-3.6	302.3	327.6	9.2	80.8	3.0	230.
4.9	26.3	1982.7	800.0	12.7	7.9	86.3	9.1	-9.1	-0.6	304.7	328.0	8.4	72.4	3.4	234.
5.6	28.9	2249.4	775.0	11.9	6.6	123.9	4.7	-3.9	2.6	306.6	328.0	8.0	70.1	3.6	237.
6.6	31.6	2525.0	750.0	12.6	3.1	191.8	2.8	0.6	2.8	310.3	328.9	6.4	52.5	3.6	240.
7.6	34.2	2810.4	725.0	13.0	1.4	225.9	4.7	3.4	3.3	313.6	331.0	5.9	45.0	3.4	241.
8.6	37.0	3104.0	700.0	10.8	-0.3	242.3	6.6	5.0	2.3	314.4	330.3	5.4	46.2	3.1	242.
9.7	39.7	3406.3	675.0	8.4	-0.2	249.2	6.6	6.1	2.3	315.0	331.7	5.6	55.0	2.7	241.
10.7	42.6	3716.8	650.0	4.9	-2.2	249.9	7.0	6.6	2.4	314.5	329.5	5.0	60.3	2.3	239.
11.9	45.4	4034.4	625.0	1.3	-5.1	249.6	7.3	6.9	2.6	313.8	326.5	4.2	62.3	1.8	236.
13.0	49.4	4362.7	600.0	0.6	-9.8	247.4	7.6	7.0	2.9	316.8	328.2	3.0	45.7	1.3	231.
14.1	51.4	4703.2	575.0	-2.4	-7.0	249.1	6.9	6.5	2.5	317.2	329.2	3.9	70.8	0.8	225.
15.3	54.4	5054.1	550.0	-6.0	-7.4	272.7	9.2	9.2	-0.4	317.0	329.1	4.0	89.9	0.6	189.
16.4	57.6	5417.6	525.0	-8.0	-9.2	237.2	9.6	8.1	5.2	318.9	330.1	3.6	90.8	0.8	128.
18.0	60.8	5745.6	500.0	-10.7	-13.4	254.8	13.2	12.7	3.5	320.0	328.4	2.7	80.3	1.4	87.
20.0	64.1	6188.0	475.0	-12.9	-24.9	250.6	9.2	8.7	3.0	322.0	329.5	1.1	35.8	3.0	84.
21.7	67.4	6600.5	450.0	-13.2	-30.1	256.7	9.6	9.4	2.2	326.7	329.1	0.7	22.6	3.6	82.
23.2	71.0	7032.9	425.0	-16.9	-31.0	254.7	15.0	14.4	3.9	327.3	329.7	0.7	28.2	4.8	81.
25.3	74.6	7486.4	400.0	-19.8	-30.2	248.4	19.2	17.8	7.1	329.2	331.9	0.8	38.8	5.9	79.
25.6	78.3	7962.2	375.0	-23.0	-31.7	237.3	25.5	21.5	13.8	331.2	333.7	0.7	44.7	7.6	76.
27.0	82.2	8464.8	350.0	-26.5	-37.9	226.3	30.6	22.2	21.1	333.1	334.6	0.4	32.8	9.8	70.
28.6	86.2	8995.2	325.0	-31.0	-55.2	221.8	31.7	21.1	23.6	333.9	334.2	0.1	7.1	12.5	63.
30.6	90.5	9558.2	300.0	-34.6	-59.8	221.9	32.3	21.6	24.0	336.7	336.8	0.0	5.7	16.1	59.
32.2	94.8	10159.6	275.0	-39.7	-61.2	223.4	33.0	22.7	24.0	337.7	337.8	0.0	8.0	19.3	56.
34.0	99.6	10806.6	250.0	-43.6	108.0	219.6	34.7	22.1	26.7	341.2	339.9	99.9	99.9	22.8	54.
35.7	104.6	11507.3	225.0	-48.8	99.9	214.0	37.0	20.9	30.6	343.7	339.9	99.9	99.9	26.2	51.
37.4	112.0	12271.1	200.0	-54.8	99.9	211.3	40.3	20.9	34.4	345.9	339.9	99.9	99.9	30.0	49.
39.6	115.7	13113.8	175.0	-61.1	99.9	208.9	38.8	18.7	34.4	349.1	339.9	99.9	99.9	35.2	46.
42.2	122.0	14053.7	150.0	-67.7	99.9	217.5	26.8	16.3	21.2	353.5	339.9	99.9	99.9	40.1	44.
45.0	129.0	15162.9	125.0	-64.1	99.9	248.7	23.8	22.1	8.6	379.0	339.9	99.9	99.9	44.1	45.
49.3	137.0	16535.4	100.0	-59.1	99.9	99.9	99.9	99.9	99.9	413.6	339.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
SEILING, OKLAHOMA
20 MAY 1979
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.8	589.0	944.4	20.8	16.2	99.9	99.9	99.9	99.9	288.8	331.7	12.4	75.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	13.7	766.7	925.0	16.2	14.7	99.9	99.9	99.9	99.9	256.7	326.0	11.5	91.3	999.9	999.9
1.6	16.1	1000.0	900.0	14.7	13.7	99.9	99.9	99.9	99.9	256.7	326.0	11.5	91.3	999.9	999.9
2.6	18.5	1238.6	875.0	13.3	12.3	99.9	99.9	99.9	99.9	256.7	326.0	11.5	91.3	999.9	999.9
3.7	20.9	1482.7	850.0	12.1	11.1	99.9	99.9	99.9	99.9	256.7	326.0	11.5	91.3	999.9	999.9
4.6	23.5	1733.2	825.0	11.0	10.1	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
5.4	26.0	1990.2	800.0	9.8	8.9	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
6.1	28.6	2254.1	775.0	8.4	7.6	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
6.8	31.2	2525.0	750.0	6.8	6.0	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
7.4	33.8	2803.6	725.0	5.5	4.7	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
8.5	36.6	3090.9	700.0	4.5	2.3	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
9.8	39.3	3367.3	675.0	3.6	-3.3	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
10.9	42.1	3692.7	650.0	1.3	-5.4	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
12.0	45.0	4007.5	625.0	-0.8	-7.2	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
12.9	47.9	4332.4	600.0	-3.7	-8.6	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
13.9	50.9	4667.5	575.0	-5.6	-6.5	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
14.9	53.9	5015.4	550.0	-7.4	-8.2	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
15.9	57.0	5376.7	525.0	-9.7	-10.5	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
17.1	60.1	5752.6	500.0	-11.7	-12.4	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
18.3	63.4	6144.4	475.0	-14.9	-17.6	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
19.5	66.8	6550.9	450.0	-18.4	-24.4	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
20.9	70.3	6975.0	425.0	-21.8	-26.2	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
22.2	73.9	7418.6	400.0	-24.7	-28.5	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
23.8	77.5	7899.0	375.0	-25.0	-29.1	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
25.3	81.3	8399.0	350.0	-27.1	-32.5	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
26.7	85.3	8918.5	325.0	-31.2	-36.0	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
28.1	89.5	9479.9	300.0	-36.1	-40.6	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
30.0	93.8	10077.7	275.0	-41.1	-46.6	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
32.0	98.6	10718.5	250.0	-46.6	-53.2	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
34.0	103.6	11407.4	225.0	-53.2	-59.7	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
35.7	108.8	12155.5	200.0	-59.7	-64.4	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
38.4	114.5	12976.8	175.0	-64.4	-68.8	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
41.8	121.0	13910.4	150.0	-68.8	-74.1	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
46.4	128.0	15016.0	125.0	-64.1	-62.0	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
51.6	136.0	16403.2	100.0	-62.0	-59.9	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	301.7	326.2	9.5	93.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

35 615. 0

21 MAY 1979 30 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	589.0	944.5	21.8	16.5	360.0	10.0	0.0	-10.0	299.8	333.5	12.7	72.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	14.1	767.9	925.0	16.3	14.7	58.2	6.4	-5.4	-3.4	296.0	326.2	11.5	90.6	0.3	233.
1.6	16.5	1001.7	900.0	15.5	14.4	40.3	3.4	-2.2	-2.6	297.5	328.2	11.6	93.3	0.4	233.
2.5	18.8	1248.8	875.0	13.7	12.8	66.5	6.6	-6.1	-2.6	298.0	326.5	10.7	94.1	0.6	234.
3.6	21.3	1485.6	850.0	13.1	12.2	79.2	5.0	-4.9	-0.9	299.9	328.3	10.6	94.0	1.2	240.
4.7	23.8	1737.0	825.0	12.2	11.2	82.1	4.4	-4.4	0.2	301.5	329.2	10.2	93.4	1.5	245.
6.0	26.3	1995.3	800.0	11.2	9.9	92.8	3.7	-3.7	0.6	303.1	329.5	9.7	92.0	1.8	248.
7.5	28.8	2260.6	775.0	9.8	8.1	83.9	3.3	-3.3	-0.4	304.3	328.6	8.8	89.1	2.0	254.
8.8	31.3	2533.1	750.0	6.3	6.8	60.9	3.8	-2.6	-1.4	305.5	328.7	8.3	90.4	2.3	251.
10.3	33.9	2812.7	725.0	6.4	5.0	57.2	2.2	-1.8	-1.2	306.5	327.8	7.6	90.3	2.5	251.
11.5	36.6	3108.3	700.0	4.3	0.7	72.8	2.7	-2.6	-0.8	307.3	323.8	5.8	77.2	2.6	251.
12.5	39.3	3395.7	675.0	2.2	-0.5	57.7	2.0	-1.7	-1.1	308.1	323.9	5.5	82.1	2.8	251.
13.7	42.0	3700.0	650.0	0.1	-2.0	999.9	99.9	99.9	99.9	309.1	323.9	5.1	86.1	2.9	249.
15.9	44.9	4018.1	625.0	-1.4	-2.9	999.9	98.9	99.9	99.9	310.8	325.4	5.0	90.0	999.9	999.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	98.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	98.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	98.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	98.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	98.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	98.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

↑ BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
SEELING, OKLAHOMA
21 MAY 1979
205 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	11.9	589.0	945.6	22.8	18.1	99.9	99.9	99.9	99.9	300.7	338.0	14.0	75.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	13.9	777.0	925.0	15.8	14.1	999.9	99.9	99.9	99.9	293.4	324.4	11.0	89.8	999.9	999.9
1.6	16.3	1009.9	900.0	14.4	12.9	999.9	99.9	99.9	99.9	295.4	324.0	10.5	90.5	999.9	999.9
2.3	18.7	1248.3	875.0	13.5	12.4	999.9	99.9	99.9	99.9	297.8	325.6	10.4	92.8	999.9	999.9
3.2	21.2	1492.9	850.0	12.9	12.0	999.9	99.9	99.9	99.9	299.7	327.7	10.4	93.8	999.9	999.9
4.0	23.6	1744.2	825.0	11.7	10.7	999.9	99.9	99.9	99.9	300.9	327.6	9.9	93.8	999.9	999.9
5.0	26.2	2001.8	800.0	10.4	9.5	999.9	99.9	99.9	99.9	302.3	327.6	9.4	93.9	999.9	999.9
5.9	28.7	2266.5	775.0	9.5	8.6	999.9	99.9	99.9	99.9	304.0	329.1	9.1	94.1	999.9	999.9
6.9	31.3	2538.3	750.0	7.6	6.7	999.9	99.9	99.9	99.9	304.5	327.8	8.2	93.6	999.9	999.9
8.0	34.0	2817.4	725.0	5.9	4.9	999.9	99.9	99.9	99.9	305.9	327.0	7.5	93.3	999.9	999.9
9.1	36.7	3104.0	700.0	3.3	1.1	999.9	99.9	99.9	99.9	308.1	323.1	6.0	85.7	999.9	999.9
10.6	39.3	3398.4	675.0	1.0	-0.6	999.9	99.9	99.9	99.9	308.2	323.2	5.4	88.8	999.9	999.9
12.0	42.1	3701.8	650.0	-0.6	-1.9	999.9	99.9	99.9	99.9	308.3	323.2	5.1	90.4	999.9	999.9
13.5	45.0	4015.6	625.0	-1.4	-2.5	999.9	99.9	99.9	99.9	310.9	325.9	5.1	92.1	999.9	999.9
14.9	47.9	4340.8	600.0	-2.8	-4.0	999.9	99.9	99.9	99.9	312.9	326.9	4.8	91.7	999.9	999.9
16.3	50.9	4677.6	575.0	-4.7	-5.9	999.9	99.9	99.9	99.9	315.5	327.5	4.3	91.2	999.9	999.9
18.0	53.9	5026.7	550.0	-6.9	-8.1	999.9	99.9	99.9	99.9	315.5	327.4	3.8	90.7	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	98.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	98.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
 SEILING, OKLAHOMA

 21 MAY 1979
 085 GMT

55 463. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.9	583.0	947.0	15.5	15.3	360.0	2.0	0.0	-2.0	293.2	323.5	11.7	99.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	13.9	788.6	925.0	14.6	13.7	59.9	4.8	-4.1	-2.4	294.2	322.3	10.7	94.2	0.2 230.	0.2 230.
1.8	16.3	1021.0	900.0	14.3	13.4	73.1	4.9	-4.7	-1.4	296.2	324.7	10.8	94.3	0.5 242.	0.5 242.
2.9	18.8	1259.0	875.0	12.8	11.9	89.4	4.7	-4.7	-0.0	297.1	323.9	10.1	94.0	0.8 249.	0.8 249.
4.1	21.2	1503.7	850.0	12.8	11.6	96.5	4.2	-4.1	0.5	299.2	326.9	10.2	92.7	1.1 255.	1.1 255.
5.3	23.7	1754.2	825.0	10.9	9.4	115.1	3.7	-3.3	1.8	300.1	324.6	9.0	90.5	1.3 262.	1.3 262.
6.4	26.3	2011.2	800.0	10.0	8.2	114.0	3.3	-3.0	1.3	301.6	325.3	8.6	88.6	1.5 269.	1.5 269.
7.6	28.8	2275.0	775.0	8.4	6.6	102.8	3.2	-3.1	0.7	302.9	324.8	7.9	88.4	1.7 270.	1.7 270.
8.8	31.4	2546.1	750.0	7.1	5.2	110.5	3.0	-2.8	1.1	304.3	325.0	7.4	87.3	1.9 272.	1.9 272.
10.4	34.1	2824.9	725.0	5.3	3.5	110.9	2.9	-2.7	1.0	305.3	324.5	6.8	88.0	2.2 275.	2.2 275.
11.7	36.8	3111.4	700.0	3.2	1.3	100.4	3.4	-3.3	0.6	306.1	323.2	6.0	87.1	2.4 276.	2.4 276.
13.1	39.6	3405.9	675.0	1.5	-0.4	80.0	5.5	-3.5	-0.6	307.3	323.2	5.5	87.3	2.7 275.	2.7 275.
14.6	42.3	3709.8	650.0	0.2	-1.5	73.9	5.0	-2.9	-0.8	309.2	324.6	5.3	87.9	3.0 274.	3.0 274.
16.5	45.1	4024.4	625.0	-1.1	-2.6	63.4	2.8	-2.5	-1.2	311.2	326.1	5.1	89.6	3.3 270.	3.3 270.
18.5	48.0	4349.5	600.0	-2.9	-4.7	91.6	3.8	-3.8	0.1	312.6	326.2	4.5	87.7	3.6 270.	3.6 270.
20.2	50.9	4684.4	575.0	-4.5	-6.7	99.9	99.9	99.9	99.9	314.7	327.0	4.1	85.8	999.9	999.9
22.4	53.9	5035.5	550.0	-6.5	-9.0	99.9	99.9	99.9	99.9	316.4	327.2	3.5	82.5	999.9	999.9
24.6	57.0	5398.3	525.0	-8.5	-11.2	99.9	99.9	99.9	99.9	318.3	327.9	3.1	80.4	999.9	999.9
26.9	60.1	5778.6	500.0	-10.6	-13.6	99.9	99.9	99.9	99.9	320.1	328.5	2.7	78.2	999.9	999.9
30.1	63.5	6169.0	475.0	-12.9	-16.2	99.9	99.9	99.9	99.9	322.0	329.3	2.3	76.3	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
SEILING, OKLAHOMA

21 MAY 1979
805 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEV PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 8 DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.7	589.0	946.2	16.5	16.5	999.9	99.9	99.9	99.9	294.3	327.0	12.6	99.9	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	13.7	781.9	925.0	14.4	13.5	999.9	99.9	99.9	99.9	294.1	321.7	10.6	94.0	999.9	999.9
1.2	16.1	1013.6	900.0	13.3	12.3	999.9	99.9	99.9	99.9	295.2	321.8	10.1	93.8	999.9	999.9
2.9	18.5	1258.9	875.0	12.0	11.0	999.9	99.9	99.9	99.9	296.3	321.5	9.5	93.7	999.9	999.9
4.1	20.9	1493.9	850.0	10.9	9.9	999.9	99.9	99.9	99.9	297.6	321.9	9.1	93.3	999.9	999.9
5.1	23.4	1743.1	825.0	9.7	8.7	999.9	99.9	99.9	99.9	298.9	322.1	8.6	93.4	999.9	999.9
6.0	26.0	1998.7	800.0	8.7	7.6	999.9	99.9	99.9	99.9	300.4	322.9	8.2	92.9	999.9	999.9
7.0	28.5	2261.7	775.0	7.4	6.3	999.9	99.9	99.9	99.9	301.6	323.2	7.8	92.7	999.9	999.9
8.1	31.1	2531.8	750.0	6.6	5.3	999.9	99.9	99.9	99.9	303.7	324.5	7.5	91.3	999.9	999.9
9.5	33.7	2809.5	725.0	4.3	2.8	999.9	99.9	99.9	99.9	304.2	322.4	6.5	90.2	999.9	999.9
11.0	36.4	3095.0	700.0	2.8	0.2	999.9	99.9	99.9	99.9	305.6	321.4	5.6	83.1	999.9	999.9
12.7	39.1	3388.9	675.0	1.4	-3.7	999.9	99.9	99.9	99.9	307.2	319.7	4.3	68.7	999.9	999.9
14.2	41.9	3693.0	650.0	0.4	-4.6	999.9	99.9	99.9	99.9	309.5	321.7	4.2	68.7	999.9	999.9
16.3	44.7	4007.9	625.0	-0.4	-5.3	999.9	99.9	99.9	99.9	312.0	324.3	4.1	69.3	999.9	999.9
18.7	47.6	4333.0	600.0	-3.1	-7.4	999.9	99.9	99.9	99.9	312.5	323.4	3.6	72.1	999.9	999.9
21.4	50.6	4655.2	575.0	-4.8	-9.1	999.9	99.9	99.9	99.9	314.0	324.5	3.3	71.8	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 37
SHARROCK, TEXAS20 MAY 1979
1106 GMT

127 96. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.4	721.0	926.4	15.5	14.0	320.0	2.0	1.3	-1.5	295.6	323.6	11.0	91.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	13.5	734.0	925.0	15.9	14.3	302.1	2.8	2.4	-1.5	295.5	325.0	11.2	90.7	0.1	359.
0.7	15.7	971.1	900.0	23.9	13.0	217.8	6.4	3.9	5.1	306.2	335.3	10.6	51.0	0.6	356.
1.4	18.2	1217.4	875.0	23.0	10.5	228.5	7.5	5.6	5.0	307.7	333.4	9.2	45.2	0.8	10.
2.1	20.7	1469.8	850.0	21.3	11.0	225.7	10.7	7.6	7.5	308.4	335.8	9.8	52.0	1.2	23.
2.9	23.2	1727.8	825.0	19.3	10.6	227.1	11.8	8.6	8.0	309.0	336.5	9.8	56.9	1.7	29.
3.7	25.8	1992.3	800.0	18.3	8.5	233.4	13.2	10.6	7.9	310.7	335.6	8.8	52.8	2.3	35.
4.5	29.4	2263.9	775.0	16.3	5.8	238.9	13.3	11.4	6.9	311.5	332.8	7.5	49.8	2.9	40.
5.3	31.1	2542.0	750.0	13.7	4.9	238.4	12.9	11.0	6.8	311.5	332.4	7.3	55.1	3.5	43.
6.1	33.8	2826.7	725.0	11.2	3.4	236.3	12.1	10.1	6.7	311.6	331.4	6.8	58.7	4.1	45.
7.1	36.6	3119.0	700.0	8.8	1.7	238.5	10.7	9.1	5.6	312.2	330.4	6.2	60.9	4.7	47.
8.0	39.3	3418.8	675.0	6.0	-0.3	242.4	9.4	8.3	4.3	312.4	328.7	5.6	63.7	5.3	48.
9.0	42.1	3726.9	650.0	3.1	-1.1	247.9	8.0	7.4	3.0	312.5	328.5	5.5	73.8	5.8	50.
10.0	45.0	4043.8	625.0	0.5	-5.0	248.6	7.0	6.5	2.5	313.0	325.6	4.2	66.7	6.2	51.
11.2	48.0	4370.3	600.0	-1.1	-23.5	237.4	6.9	5.8	3.7	314.6	318.0	1.0	16.3	6.6	52.
12.3	51.0	4709.6	575.0	-1.1	-35.1	230.2	11.4	8.8	7.3	318.7	319.9	0.3	5.4	7.2	52.
13.5	54.1	5063.2	550.0	-2.9	-36.0	225.3	13.6	9.8	9.7	320.7	321.6	0.3	5.6	8.1	52.
14.6	57.3	5429.5	525.0	-6.1	-37.4	219.1	13.5	8.5	10.5	321.1	322.2	0.3	6.2	9.0	51.
15.7	60.5	5804.0	500.0	-9.4	-35.5	225.5	11.8	6.4	8.3	321.6	322.9	0.4	10.2	9.9	50.
16.9	63.8	6202.6	475.0	-12.7	-24.3	233.4	11.6	9.3	6.9	322.3	326.0	1.1	36.9	10.7	50.
18.3	67.1	6613.8	450.0	-14.8	-30.2	231.1	11.0	8.6	6.9	324.6	327.0	0.7	25.5	11.6	50.
19.7	70.7	7042.9	425.0	-18.8	-34.7	221.7	9.5	7.5	5.9	324.6	327.0	0.6	31.1	12.5	50.
21.2	74.3	7491.3	400.0	-22.8	-34.7	222.6	7.4	5.0	5.4	325.2	327.1	0.5	33.4	13.2	50.
22.7	78.1	7960.3	375.0	-26.9	-30.8	216.1	12.1	7.1	9.8	326.0	328.7	0.8	69.1	14.0	49.
24.2	82.0	8456.2	350.0	-29.0	-31.9	223.0	19.3	13.2	14.2	329.6	332.3	0.7	76.3	15.4	48.
25.8	86.1	8981.9	325.0	-33.3	-38.9	225.4	24.9	17.7	17.5	330.7	332.2	0.4	57.3	17.5	48.
27.7	90.3	9539.4	300.0	-37.7	-30.6	221.9	30.6	20.6	22.9	332.3	332.7	0.1	24.3	20.7	47.
29.8	94.8	10133.8	275.0	-41.9	99.9	218.2	33.8	20.9	26.6	334.5	999.9	99.9	99.9	24.8	46.
31.9	99.6	10772.0	250.0	-47.1	99.9	222.7	33.2	22.5	24.4	336.0	999.9	99.9	99.9	28.9	45.
34.3	104.6	11462.5	225.0	-51.6	99.9	227.6	37.0	27.3	25.0	339.4	999.9	99.9	99.9	34.0	45.
36.8	110.0	12217.3	200.0	-56.7	99.9	232.8	36.2	28.8	21.8	342.9	999.9	99.9	99.9	39.6	46.
39.5	115.8	13051.6	175.0	-62.5	99.9	238.7	31.3	26.7	16.2	348.2	999.9	99.9	99.9	45.1	47.
42.4	122.2	13993.1	150.0	-65.9	99.9	227.7	27.2	20.1	18.3	356.5	999.9	99.9	99.9	49.7	48.
46.1	129.3	15105.2	125.0	-63.6	99.9	231.9	32.3	25.4	19.9	379.2	999.9	99.9	99.9	56.6	48.
49.4	137.5	16480.4	100.0	-64.1	99.9	999.9	99.9	99.9	99.9	403.8	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 37
SHARROCK, TEXAS20 MAY 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	721.0	928.1	20.5	15.3	30.0	4.0	-2.0	-3.5	300.0	331.7	11.9	72.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	13.9	749.9	925.0	19.6	15.0	56.1	4.3	-3.6	-2.4	299.4	330.7	11.7	75.1	0.1	343.
0.9	16.2	985.5	900.0	18.2	14.4	86.3	2.9	-2.9	-0.2	300.2	331.2	11.6	78.8	0.3	311.
1.6	18.6	1228.9	875.0	20.1	13.3	213.0	2.8	1.5	2.4	304.7	334.9	11.1	64.9	0.3	303.
2.4	21.1	1470.5	850.0	19.9	12.0	229.9	6.3	4.8	4.1	307.0	336.0	10.5	60.6	0.4	353.
3.4	23.6	1736.2	825.0	18.3	8.1	239.6	7.6	6.5	3.8	307.5	331.1	6.2	51.2	0.7	25.
4.3	26.1	1996.9	800.0	17.6	6.9	243.3	8.4	7.5	3.8	309.5	332.3	7.9	49.8	1.1	40.
5.2	28.7	2270.6	775.0	15.8	5.6	235.9	8.0	6.7	4.5	311.4	331.3	7.4	50.5	1.5	46.
6.0	31.2	2546.2	750.0	13.6	4.2	234.3	6.9	5.5	3.9	311.4	331.3	6.9	52.8	1.8	47.
7.0	33.9	2833.1	725.0	12.3	1.6	235.2	4.6	3.8	2.6	313.0	330.4	6.0	47.9	2.2	49.
7.9	36.6	3126.3	700.0	9.9	-0.1	222.4	3.8	2.5	2.8	313.5	329.5	5.4	49.7	2.4	49.
9.0	39.3	3427.3	675.0	7.0	-1.5	230.4	4.2	3.3	2.7	313.5	328.5	5.1	54.6	2.6	48.
10.0	42.1	3736.3	650.0	4.0	-4.0	244.8	3.5	3.1	1.5	313.5	326.7	4.4	56.0	2.9	49.
11.2	45.0	4053.8	625.0	0.8	-6.0	229.1	4.0	3.0	2.6	313.4	325.1	3.9	60.4	3.1	50.
12.3	47.9	4381.1	600.0	-0.7	-13.6	215.6	8.5	4.9	6.9	315.3	322.3	2.2	37.0	3.5	49.
13.6	50.9	4720.2	575.0	-2.5	-13.9	211.7	12.2	6.4	18.4	317.0	324.2	2.3	41.3	4.2	46.
14.6	53.9	5071.3	550.0	-5.7	-14.6	212.9	12.4	6.7	10.4	317.3	324.4	2.2	49.5	5.1	43.
15.9	57.0	5435.2	525.0	-7.1	-30.2	217.0	9.8	5.9	7.8	319.9	322.0	0.6	13.8	6.0	42.
17.4	60.1	5814.2	500.0	-9.4	-27.1	214.1	8.8	4.9	7.2	321.4	324.4	0.8	22.3	6.7	42.
18.9	63.4	6208.4	475.0	-12.1	-21.7	204.2	8.2	3.3	7.4	323.0	327.7	1.4	44.4	7.5	40.
20.5	66.8	6619.6	450.0	-15.7	-23.1	197.0	9.8	2.9	9.3	323.5	327.9	1.3	53.1	8.2	38.
22.0	70.3	7048.0	425.0	-19.0	-22.2	208.1	12.5	5.9	11.0	324.7	329.7	1.5	75.6	9.2	36.
23.7	73.9	7496.9	400.0	-22.6	-28.6	223.7	14.3	9.9	10.4	325.6	328.7	0.9	58.2	10.6	36.
25.4	77.5	7967.8	375.0	-26.1	-32.7	228.0	17.8	13.2	11.9	327.6	329.3	0.6	53.8	12.2	38.
27.4	81.3	8463.3	350.0	-29.6	-38.8	228.3	22.9	17.1	15.2	328.9	330.3	0.4	40.6	14.5	40.
29.3	85.3	8988.1	325.0	-33.5	-43.0	224.3	27.3	19.1	19.6	330.5	331.4	0.3	37.6	17.5	41.
31.4	89.5	9544.6	300.0	-38.2	-48.5	219.6	31.7	20.2	24.4	331.5	332.1	0.2	32.8	21.0	41.
33.7	94.0	10138.0	275.0	-42.1	-54.9	216.4	34.6	20.5	27.8	334.3	333.9	99.9	999.9	25.8	40.
36.2	98.6	10776.1	250.0	-46.7	-59.9	218.0	35.3	21.8	27.8	336.7	336.9	99.9	999.9	31.0	40.
39.1	103.6	11467.5	225.0	-51.7	-64.9	223.3	35.8	24.6	26.1	339.2	339.9	99.9	999.9	37.0	40.
42.0	108.8	12222.2	200.0	-56.8	-69.9	230.1	34.2	24.3	22.0	342.6	339.9	99.9	999.9	43.2	41.
45.0	114.7	13057.0	175.0	-62.1	-74.9	233.9	31.9	25.8	18.8	347.4	339.9	99.9	999.9	49.0	42.
48.1	121.0	13999.9	150.0	-64.3	-79.9	222.6	29.5	28.0	21.7	355.8	339.9	99.9	999.9	54.3	43.
51.6	128.2	15119.5	125.0	-68.6	-84.9	232.7	27.3	21.8	16.6	385.3	339.9	99.9	999.9	61.0	43.
55.8	136.3	16457.0	100.0	-62.5	-89.9	239.9	99.9	99.9	99.9	406.9	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 37
SHANROCK, TEXAS20 MAY 1979
1705 GMT

127 97. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.9	721.0	929.5	22.4	15.5	20.0	3.0	-1.0	-2.0	301.5	334.2	12.0	65.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	14.1	763.4	925.0	22.4	16.2	23.4	9.2	-3.6	-8.4	302.2	336.2	12.6	67.8	0.5	322.
0.8	16.6	1001.2	900.0	19.5	16.3	23.3	9.2	-3.6	-8.4	301.6	336.7	13.1	61.8	0.4	302.
1.5	19.1	1243.4	875.0	17.1	15.8	21.4	8.6	-3.1	-8.0	301.5	336.5	13.1	92.3	0.5	252.
2.3	21.6	1490.8	850.0	15.2	14.3	1.0	5.7	-0.1	-5.7	302.1	334.8	12.1	94.2	0.8	230.
3.1	24.1	1743.6	825.0	14.3	5.9	267.4	4.3	4.3	0.2	303.7	323.5	7.1	57.0	0.9	221.
4.0	26.8	2006.3	800.0	18.1	3.6	218.5	6.5	4.0	5.1	310.4	328.4	6.2	38.3	0.5	215.
4.9	29.3	2276.9	775.0	16.3	-0.4	193.3	6.5	1.5	6.3	311.4	325.5	4.8	32.0	0.2	234.
5.9	32.0	2554.6	750.0	14.4	0.2	179.4	6.5	-0.1	6.5	312.2	327.4	5.2	37.8	0.3	335.
6.8	34.9	2839.5	725.0	12.2	0.1	174.3	6.6	-0.7	6.6	312.8	328.5	5.3	43.4	0.6	345.
7.9	37.5	3132.4	700.0	9.6	0.6	180.9	6.7	0.1	6.7	313.1	329.9	5.7	53.5	1.1	350.
9.0	40.2	3433.1	675.0	6.9	-1.2	184.8	5.4	0.4	5.4	313.3	328.7	5.2	56.2	1.5	353.
9.9	43.1	3742.1	650.0	4.0	-6.4	184.9	4.3	0.4	4.3	313.5	328.5	3.7	46.8	1.7	355.
11.1	46.0	4059.7	625.0	1.4	-7.8	187.9	4.1	0.6	4.1	314.1	324.4	3.4	50.3	2.0	357.
12.2	49.0	4387.1	600.0	-1.5	-9.2	197.4	5.7	1.7	5.4	314.4	324.1	3.2	55.3	2.3	359.
13.4	52.0	4724.9	575.0	-3.3	-12.6	202.3	9.3	3.5	8.6	316.1	324.0	2.5	48.7	2.8	3.
14.5	55.1	5074.9	550.0	-6.2	-6.9	205.9	11.7	5.1	10.5	316.2	323.4	4.2	94.7	3.5	7.
15.8	58.3	5439.0	525.0	-7.7	-8.5	210.5	13.3	6.7	11.4	319.2	330.2	3.8	93.7	4.4	12.
17.1	61.4	5817.3	500.0	-10.1	-12.0	209.7	13.6	6.7	11.8	320.7	330.2	3.1	86.3	5.4	15.
18.5	64.8	6211.3	475.0	-12.7	-15.0	211.2	11.0	5.7	9.4	322.2	330.3	2.5	83.1	6.4	18.
19.8	68.1	6622.0	450.0	-15.8	-22.8	210.6	10.7	5.4	9.2	323.4	328.0	1.4	55.5	7.3	19.
21.1	71.6	7050.7	425.0	-18.9	-24.6	213.8	11.3	6.3	9.4	324.2	328.9	1.2	60.3	8.1	21.
22.5	75.3	7499.2	400.0	-22.5	-28.1	220.8	11.8	7.7	8.9	325.7	328.9	0.9	60.0	9.0	22.
24.0	79.0	7969.9	375.0	-25.6	-36.6	226.1	14.8	10.7	10.3	327.7	329.3	0.4	34.7	10.0	25.
25.4	82.9	8466.4	350.0	-29.2	-36.2	225.4	19.7	14.0	13.8	329.3	331.1	0.3	50.5	11.5	27.
27.0	87.0	8991.0	325.0	-33.3	-39.6	218.3	28.1	17.4	22.0	330.8	332.1	0.4	52.7	13.5	30.
28.9	91.2	9548.9	300.0	-37.4	-44.2	210.0	31.4	15.7	27.2	332.6	333.6	0.2	48.9	17.1	31.
30.8	95.7	10144.0	275.0	-42.3	99.9	211.3	32.3	16.8	27.6	334.0	999.9	99.9	999.9	20.5	30.
33.2	100.4	10782.9	250.0	-46.5	99.9	217.0	36.9	22.2	29.4	337.0	999.9	99.9	999.9	25.7	31.
35.6	105.4	11473.7	225.0	-51.8	99.9	220.6	37.2	24.2	28.2	339.2	999.9	99.9	999.9	31.0	33.
38.2	110.8	12229.7	200.0	-56.5	99.9	222.3	35.7	24.0	26.4	343.3	999.9	99.9	999.9	36.6	34.
41.1	116.6	13066.7	175.0	-61.1	99.9	225.7	32.0	22.9	22.3	349.0	999.9	99.9	999.9	42.5	35.
44.2	123.0	14015.3	150.0	-64.4	99.9	225.8	29.1	19.8	21.3	359.1	999.9	99.9	999.9	47.8	36.
47.7	130.0	15139.9	125.0	-60.9	99.9	236.1	21.9	18.2	12.2	364.6	999.9	99.9	999.9	53.9	38.
51.8	135.0	16520.1	100.0	-60.5	99.9	999.9	99.9	99.9	99.9	410.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 37
 SHAMROCK, TEXAS

 20 MAY 1979
 2005 (MT)

125 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KN	AZ DG
0.0	14.0	721.0	929.1	23.9	14.9	45.0	4.0	-2.8	-2.8	303.4	334.7	11.5	97.0	0.0	0.
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	14.3	759.8	925.0	23.4	15.0	44.4	6.0	-4.2	-4.3	303.2	334.9	11.7	59.4	0.2	347.
0.9	16.6	996.5	900.0	20.9	15.6	48.0	10.5	-7.8	-7.0	303.1	336.9	12.5	71.7	0.6	293.
1.8	19.0	1241.4	875.0	17.9	14.8	52.4	9.7	-7.7	-5.9	303.4	335.4	12.2	82.3	1.0	264.
2.8	21.5	1489.6	850.0	16.3	14.8	53.2	8.8	-7.1	-4.1	303.2	337.2	12.6	90.5	1.5	253.
3.8	24.0	1743.4	825.0	14.3	12.9	55.4	7.3	-6.0	-4.1	303.7	334.9	11.5	91.9	2.0	249.
4.8	26.6	2003.5	800.0	12.3	10.7	55.2	7.5	-6.1	-4.3	304.3	332.3	10.2	89.9	2.4	246.
5.7	29.2	2269.6	775.0	10.6	8.6	70.5	5.7	-5.4	-1.9	305.2	330.6	9.2	88.0	2.8	245.
6.7	31.9	2543.3	750.0	12.2	-0.1	136.6	2.8	-1.9	2.0	305.9	324.7	5.1	42.9	2.9	246.
7.8	34.6	2827.5	725.0	11.3	1.1	145.1	5.5	-3.1	4.5	311.9	328.6	5.7	49.4	3.0	252.
8.9	37.3	3119.9	700.0	9.1	1.1	150.3	6.1	-3.0	5.3	312.6	329.9	5.9	57.2	3.1	259.
10.0	40.1	3420.2	675.0	6.6	0.7	159.6	5.8	-2.1	5.4	313.0	330.5	6.0	66.0	3.2	266.
11.1	43.0	3729.0	650.0	3.6	-0.4	167.7	6.4	-1.4	6.2	313.0	329.9	5.7	75.0	3.3	272.
12.1	45.8	4046.9	625.0	1.0	-1.1	178.9	8.2	-0.2	8.2	313.6	330.3	5.7	85.5	3.4	279.
13.1	48.8	4374.4	600.0	-1.2	-4.3	189.9	9.4	1.6	9.3	314.7	328.6	4.7	78.7	3.5	288.
14.3	51.8	4712.9	575.0	-3.9	-5.1	189.0	11.7	1.8	11.5	315.4	329.1	4.6	91.3	3.6	299.
15.4	54.8	5064.2	550.0	-4.6	-5.6	186.0	14.4	1.6	14.3	316.6	332.6	4.6	92.9	4.0	310.
16.4	58.0	5429.9	525.0	-8.8	-17.4	196.8	13.9	4.0	13.3	317.8	323.7	1.9	49.8	4.5	320.
17.8	61.1	5806.7	500.0	-11.1	-20.9	206.7	11.6	5.2	10.4	319.6	324.3	1.4	43.9	5.2	331.
19.5	64.4	6199.3	475.0	-13.3	-24.8	224.1	9.5	6.6	8.8	321.5	325.1	1.1	37.1	5.7	340.
20.9	67.9	6609.4	450.0	-16.0	-33.7	227.1	12.8	9.4	8.7	323.1	324.6	0.5	20.2	6.0	348.
22.1	71.3	7037.0	425.0	-15.2	-39.5	212.8	17.8	9.6	14.9	324.4	325.4	0.3	14.5	6.6	355.
23.6	74.9	7485.1	400.0	-22.6	-38.5	204.8	23.7	9.9	21.5	325.6	326.8	0.3	21.7	8.4	2.
25.4	78.6	7956.7	375.0	-24.5	-33.9	197.9	38.5	9.4	29.0	326.1	331.2	0.6	41.4	11.3	7.
27.6	82.5	8455.2	350.0	-28.9	-69.4	194.9	32.0	8.2	30.9	326.8	329.8	0.0	1.0	15.4	9.
29.2	86.5	8981.2	325.0	-32.9	-71.1	195.7	32.4	8.8	31.1	331.3	331.3	0.0	1.0	18.5	10.
31.2	90.7	9539.4	300.0	-36.9	-73.7	197.1	33.8	10.0	32.3	333.4	333.4	0.0	1.0	22.3	11.
31.3	95.0	10136.1	275.0	-41.4	99.9	199.9	34.2	11.6	32.1	335.2	339.9	99.9	999.9	26.7	12.
35.5	99.6	10776.6	250.0	-46.6	99.9	204.6	35.3	14.7	32.1	339.9	339.9	99.9	999.9	31.2	14.
37.8	104.6	11469.0	225.0	-51.2	99.9	204.5	38.3	15.9	34.9	340.1	339.9	99.9	999.9	36.3	15.
40.2	109.8	12226.0	200.0	-56.5	99.9	206.8	38.5	17.4	34.4	343.2	339.9	99.9	999.9	41.7	17.
43.4	115.7	13067.1	175.0	-60.2	99.9	210.1	33.0	16.5	28.5	350.6	339.9	99.9	999.9	48.2	18.
46.5	122.0	14017.0	150.0	-64.3	99.9	208.7	31.5	15.1	27.6	359.3	339.9	99.9	999.9	54.3	19.
49.7	129.0	15142.2	125.0	-62.4	99.9	216.3	25.4	15.0	20.5	368.0	339.9	99.9	999.9	59.6	21.
53.9	137.0	16512.1	100.0	-63.0	99.9	999.9	99.9	99.9	99.9	406.1	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 37
SHAMROCK, TEXAS20 MAY 1979
2135 GMT

126 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.9	721.0	928.1	22.7	15.0	30.0	6.0	-3.0	-5.2	322.2	333.8	11.7	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	14.0	750.2	925.0	22.9	15.7	999.9	99.9	99.9	99.9	322.7	335.7	12.2	63.9	999.9	999.9
0.6	16.4	989.0	900.0	21.3	10.3	999.9	99.9	99.9	99.9	303.4	338.7	13.1	73.2	999.9	999.9
1.4	18.9	1232.2	875.0	18.2	15.5	999.9	99.9	99.9	99.9	302.7	337.1	12.8	84.4	999.9	999.9
2.2	21.4	1480.4	850.0	16.2	14.9	999.9	99.9	99.9	99.9	303.1	337.3	12.7	92.3	1.2	248.
3.0	23.9	1734.3	825.0	14.3	13.0	61.2	9.3	-8.1	-4.5	303.7	335.1	11.5	91.8	1.6	244.
3.8	26.4	1995.1	800.0	13.6	12.2	66.9	8.5	-7.6	-3.3	305.6	336.5	11.3	91.4	2.1	245.
4.6	29.0	2261.8	775.0	11.0	9.8	71.2	6.4	-6.1	-2.1	305.7	333.0	9.9	92.4	2.4	245.
5.4	31.7	2535.5	750.0	9.1	6.4	116.9	3.6	-3.2	1.6	306.4	329.1	8.1	83.4	2.7	246.
6.3	34.3	2817.6	725.0	10.3	1.6	185.6	4.7	-1.2	4.6	310.7	328.0	6.0	55.0	2.7	250.
7.3	37.0	3109.1	700.0	8.4	3.0	177.2	6.2	-0.3	6.2	311.8	331.6	6.8	68.7	2.6	258.
8.1	39.8	3409.2	675.0	6.2	0.5	196.6	6.5	1.9	6.3	312.6	329.8	5.9	67.0	2.5	265.
9.1	42.6	3718.1	650.0	4.2	-2.5	209.2	7.1	3.4	6.2	313.7	328.3	4.9	61.6	2.4	273.
10.1	45.4	4036.2	625.0	1.8	-4.5	211.3	8.5	4.4	7.3	314.2	327.7	4.4	63.1	2.2	283.
11.1	48.4	4364.6	600.0	0.1	-7.6	213.8	10.4	5.6	8.6	316.2	327.2	3.6	56.2	2.1	299.
12.3	51.4	4704.8	575.0	-1.6	-13.6	213.2	10.8	5.9	9.1	318.1	325.5	2.3	39.5	2.1	320.
13.3	54.4	5057.0	550.0	-4.3	-17.2	213.5	10.2	5.6	8.3	319.0	324.7	1.8	35.8	2.4	335.
14.5	57.5	5422.4	525.0	-6.9	-19.4	214.9	10.1	5.6	8.3	320.2	325.3	1.6	36.0	2.8	347.
15.7	60.8	5800.4	500.0	-10.2	-22.5	210.5	12.7	6.5	11.0	320.6	324.7	1.3	35.6	3.4	357.
16.8	64.0	6194.5	475.0	-11.7	-24.0	200.4	17.1	6.0	16.0	323.5	325.1	0.4	13.7	4.3	3.
18.1	67.4	6606.1	450.0	-15.1	-25.0	191.2	22.7	4.4	22.2	324.3	328.1	1.1	42.4	5.8	6.
19.4	70.9	7036.1	425.0	-18.0	-24.4	185.6	25.2	2.5	25.1	326.0	330.2	1.2	57.1	7.8	7.
20.7	74.4	7486.3	400.0	-21.8	-27.6	181.8	25.7	0.8	25.7	326.7	330.1	1.0	59.2	9.7	6.
22.4	78.1	7960.1	375.0	-23.7	-27.1	186.9	25.5	3.0	25.3	330.2	334.0	1.1	73.1	12.3	5.
23.9	82.0	8461.7	350.0	-26.5	-30.9	196.9	25.1	7.3	24.0	333.0	335.9	0.8	66.5	14.6	6.
25.5	86.0	8992.9	325.0	-30.4	-35.1	201.0	21.6	7.7	20.2	334.5	337.0	0.6	63.1	16.8	8.
27.1	90.0	9557.4	300.0	-34.5	-39.4	204.6	24.3	10.1	22.1	336.2	338.3	0.4	60.6	18.9	10.
28.6	94.5	10159.9	275.0	-39.3	-44.8	204.3	28.5	11.7	26.0	338.4	339.3	0.2	55.1	21.4	12.
30.7	99.2	10805.6	250.0	-44.8	-49.9	204.4	33.5	13.8	30.5	339.2	339.9	99.9	999.9	24.9	13.
32.9	104.2	11502.9	225.0	-50.1	-55.1	203.6	36.9	14.8	33.6	341.7	339.9	99.9	999.9	29.7	15.
35.4	109.4	12264.9	200.0	-55.4	-59.9	205.4	37.4	16.0	33.8	345.1	339.9	99.9	999.9	35.2	16.
37.6	115.2	13106.8	175.0	-59.7	-59.9	200.7	28.1	9.9	26.3	331.4	339.9	99.9	999.9	39.5	18.
40.2	121.7	14055.8	150.0	-66.2	-66.2	197.0	25.5	7.5	24.4	330.1	339.9	99.9	999.9	43.4	17.
43.6	128.7	15158.6	125.0	-63.9	-63.9	199.9	22.6	18.9	20.5	339.3	339.9	99.9	999.9	48.9	19.
47.6	136.7	16532.2	100.0	-52.2	-52.2	99.9	99.9	99.9	99.9	415.4	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	95.9	95.9	95.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 37
SHAMROCK, TEXAS20 MAY 1979
2305 GMT

39 578. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0-0	12-9	721-0	927-5	20-5	15-9	30-0	7-0	-3-5	-6-1	300-0	333-1	12-4	75-0	0-0	0-
0-9	09-9	99-9	1000-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
0-9	09-9	99-9	975-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
0-9	09-9	99-9	950-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
0-1	13-0	744-3	525-0	20-6	09-9	09-9	09-9	09-9	09-9	300-4	590-9	09-9	099-9	099-9	099-9
0-8	13-3	981-2	900-0	19-6	15-5	09-9	09-9	09-9	09-9	301-7	335-1	12-4	77-1	099-9	099-9
1-6	17-8	1223-5	875-0	17-2	14-9	09-9	09-9	09-9	09-9	301-7	334-8	12-3	86-5	099-9	099-9
2-5	20-2	1471-2	850-0	15-9	14-4	09-9	09-9	09-9	09-9	302-2	336-0	12-3	91-1	2-1	234
3-3	22-7	1725-4	825-0	14-6	13-3	56-7	10-6	-8-8	-5-8	304-1	336-0	11-7	91-5	2-8	234
4-1	25-1	1985-8	800-0	12-8	11-2	68-4	8-8	-7-4	-3-0	304-2	333-8	10-5	89-8	3-2	235
5-1	27-9	2252-6	775-0	10-9	9-8	82-4	7-8	-7-7	-1-0	305-2	332-9	9-9	92-8	3-7	237
6-1	30-6	2526-5	750-0	10-1	9-0	110-4	5-0	-4-6	1-7	307-2	334-6	9-7	93-2	4-0	241
7-1	33-2	2808-1	725-0	7-8	3-3	132-4	3-1	-2-3	2-1	308-0	327-1	6-7	73-0	4-1	243
9-0	38-0	3097-1	700-0	6-5	2-9	181-5	4-3	0-1	4-3	309-7	329-1	6-8	77-6	4-1	249
10-6	38-8	3394-8	675-0	4-6	1-0	219-3	5-8	3-7	4-5	310-5	328-6	6-1	77-1	3-8	253
12-0	41-6	3701-9	650-0	2-2	-1-3	220-1	8-1	5-2	6-2	311-4	327-1	5-4	77-8	3-2	258
14-9	44-4	4017-9	625-0	0-1	-1-3	196-0	10-1	2-8	9-7	312-2	328-9	5-6	80-0	2-6	268
17-9	47-4	4344-8	600-0	-1-6	-3-0	099-9	09-9	09-9	09-9	314-3	329-5	5-1	89-8	3-4	320
09-9	09-9	99-9	575-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	550-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	525-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	500-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	475-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	450-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	425-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	400-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	375-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	350-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	325-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	300-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	275-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	250-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	225-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	200-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	175-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	150-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	125-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	100-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	75-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	50-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
09-9	09-9	99-9	25-0	09-9	09-9	09-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 37
SHAMROCK, TEXAS21 MAY 1979
205 GMT

64 390. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	13.8	721.0	928.6	17.6	16.6	30.0	6.0	-3.0	-5.2	297.6	331.0	13.0	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	14.0	756.3	925.0	19.7	18.9	27.2	16.7	-7.6	-14.9	299.2	339.3	15.1	95.4	0.6	311.
1.1	16.4	981.6	900.0	16.7	16.1	33.0	16.2	-8.8	-13.6	298.7	332.9	12.9	96.2	0.7	261.
2.3	18.9	1231.6	875.0	15.4	13.7	49.0	11.5	-8.7	-7.5	299.7	330.2	11.4	90.2	1.7	235.
3.4	21.4	1478.5	850.0	16.0	9.4	78.9	5.7	-5.6	-1.1	302.5	327.0	8.8	64.9	2.2	236.
4.5	23.9	1732.4	825.0	15.8	8.3	176.8	27.8	-1.5	27.7	305.3	328.7	8.4	61.2	2.4	236.
5.5	26.5	1993.1	800.0	13.9	6.5	51.9	28.2	-22.2	-17.4	306.0	327.4	7.7	61.1	2.1	255.
6.4	29.1	2260.1	775.0	12.2	4.5	6.1	4.0	-0.4	-4.0	307.0	326.4	6.9	59.2	2.6	237.
7.6	31.7	2534.5	750.0	10.3	3.2	307.4	5.1	4.0	-3.1	307.7	326.1	6.5	61.6	2.6	231.
8.5	34.4	2816.2	725.0	8.4	2.0	278.9	4.8	4.8	-0.8	308.7	326.3	6.1	63.9	2.5	225.
9.5	37.1	3105.3	700.0	5.7	2.2	227.6	6.1	5.6	2.3	308.8	327.2	6.5	78.6	2.2	220.
10.8	39.9	3402.0	675.0	3.1	1.9	226.7	8.0	6.0	5.3	309.1	327.9	6.5	92.0	1.7	215.
12.1	42.8	3767.6	650.0	0.8	-0.1	224.9	6.2	4.4	4.4	309.9	326.9	5.9	93.3	1.1	211.
13.5	45.6	4023.1	625.0	0.2	-0.7	271.4	2.0	2.0	-0.0	312.7	329.8	5.9	94.1	0.8	205.
14.9	48.5	4349.7	600.0	-1.8	-2.7	31.8	2.8	-1.5	-2.3	314.1	329.6	5.3	93.7	0.9	205.
16.6	51.5	4687.8	575.0	-3.3	-4.1	43.4	4.6	-3.2	-3.3	316.2	330.9	4.9	93.7	1.3	208.
18.2	54.6	5038.9	550.0	-5.3	-6.1	99.3	4.5	-4.1	-0.7	319.9	332.1	4.0	92.5	1.9	226.
19.7	57.6	5403.6	525.0	-7.1	-8.1	99.3	4.2	-4.1	0.7	319.9	332.1	4.0	92.5	1.9	226.
21.3	60.9	5783.1	500.0	-9.1	-10.3	143.8	2.5	-1.5	2.0	321.9	332.9	3.5	91.2	2.1	234.
22.9	64.1	6178.8	475.0	-11.4	-12.7	219.1	4.6	2.9	3.6	323.9	333.5	3.0	89.8	1.9	238.
24.6	67.5	6592.6	450.0	-13.6	-15.2	223.6	8.2	5.6	5.9	325.9	334.4	2.6	89.1	1.2	244.
26.2	71.0	7025.1	425.0	-16.2	-17.8	99.9	99.9	99.9	99.9	328.2	335.5	2.2	87.7	0.6	277.
28.0	74.6	7478.8	400.0	-19.9	-21.7	99.9	99.9	99.9	99.9	329.1	334.8	1.7	85.3	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 37
SHAMROCK, TEXAS

21 MAY 1979
805 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.4	721.0	929.5	16.4	14.9	70.0	4.0	-3.8	-1.4	295.7	326.1	11.6	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	14.7	762.4	925.0	16.3	14.9	71.9	6.8	-6.5	-2.1	296.0	326.3	11.3	96.3	0.4	343.
0.8	17.0	995.3	900.0	14.6	14.0	74.1	10.0	-9.7	-2.7	296.5	326.3	11.3	96.3	0.8	317.
1.6	19.4	1233.6	875.0	12.9	12.3	76.5	9.7	-9.4	-2.3	297.2	324.6	10.3	96.0	1.1	295.
2.5	21.9	1477.7	850.0	12.6	11.8	94.6	7.8	-7.8	0.6	299.4	327.2	10.3	94.9	1.6	285.
3.3	24.3	1728.8	825.0	11.3	10.5	94.3	7.3	-7.3	0.6	300.6	327.0	9.8	95.1	1.9	285.
4.0	26.7	1986.2	800.0	10.4	7.6	70.2	9.7	-9.1	-3.3	302.3	324.9	8.2	82.5	2.2	282.
4.9	29.3	2251.3	775.0	10.7	4.0	52.1	9.2	-7.3	-5.7	305.3	323.9	6.6	63.5	2.7	273.
5.8	31.8	2524.3	750.0	5.7	2.9	38.5	4.9	-3.1	-3.9	307.1	325.1	6.3	62.8	2.9	268.
6.8	34.4	2805.8	725.0	8.7	1.3	0.5	3.4	-0.0	-3.4	309.0	325.9	5.8	59.8	3.1	264.
7.8	37.0	3095.3	700.0	6.3	1.4	285.8	4.1	4.0	-1.1	309.4	326.9	6.1	70.7	2.9	262.
8.7	39.8	3393.3	675.0	5.0	-1.9	271.5	4.7	4.7	0.2	312.1	324.3	4.9	60.7	2.7	261.
9.6	42.5	3700.4	650.0	2.8	-4.9	267.6	4.7	4.7	0.2	312.1	324.3	4.1	56.6	2.4	260.
10.6	45.3	4014.7	625.0	0.2	-5.5	259.1	6.0	5.9	1.1	312.7	324.9	4.1	55.6	2.1	259.
11.6	48.1	4342.5	600.0	-2.9	-6.0	250.5	7.2	6.8	2.4	312.8	324.9	4.1	55.6	2.1	259.
12.7	51.0	4678.4	575.0	-5.5	-6.1	239.6	9.1	7.9	4.6	313.8	326.2	4.2	95.3	1.2	266.
13.8	54.0	5025.9	550.0	-6.1	-10.3	231.2	9.7	7.5	6.1	314.4	324.1	3.2	84.4	0.8	294.
14.9	57.1	5388.2	525.0	-6.5	-21.6	219.6	9.2	5.8	7.0	318.2	322.5	1.3	33.6	0.8	341.
16.0	60.1	5765.7	500.0	-10.2	-33.2	218.0	10.2	6.2	8.0	320.7	322.3	0.5	13.0	1.3	6.
17.3	63.4	6158.7	475.0	-13.5	-32.5	224.5	13.3	9.4	9.5	321.3	323.1	0.5	19.0	2.0	19.
18.6	66.6	6567.1	450.0	-17.2	-27.3	226.8	16.6	12.0	11.4	321.7	324.7	0.9	40.9	3.1	30.
19.8	70.0	6992.5	425.0	-21.2	-28.2	221.5	17.8	11.8	13.3	321.6	324.8	0.9	53.3	4.3	34.
21.0	73.5	7436.8	400.0	-24.4	-28.0	203.4	17.8	7.3	16.2	323.3	326.5	0.9	71.3	5.7	35.
22.3	77.1	7906.0	375.0	-25.6	-28.5	162.5	15.4	-4.0	12.8	327.7	331.0	1.0	76.8	6.7	30.
23.6	80.8	8402.6	350.0	-29.2	-38.1	136.6	13.9	-9.2	10.4	329.3	331.0	0.7	72.5	7.2	22.
25.0	84.7	8927.0	325.0	-34.1	-38.1	149.0	14.6	-7.5	12.5	329.7	331.3	0.4	66.7	7.8	15.
26.7	88.8	9482.2	300.0	-38.9	-43.9	162.3	14.9	-4.5	14.2	330.6	331.6	0.3	61.1	9.0	9.
28.9	93.0	10073.0	275.0	-43.1	59.9	163.1	16.3	-4.5	15.7	332.8	332.8	99.9	99.9	10.9	4.
30.7	97.6	10767.7	250.0	-48.6	59.9	177.7	16.5	-0.7	16.5	333.8	333.8	99.9	99.9	12.6	2.
32.7	102.4	11391.3	225.0	-54.8	99.9	190.7	22.1	4.1	21.8	334.6	334.6	99.9	99.9	14.7	3.
34.8	107.4	12138.3	200.0	-58.3	99.9	199.6	31.4	10.6	29.6	340.5	340.5	99.9	99.9	18.2	4.
38.0	113.0	12971.7	175.0	-62.0	99.9	196.5	36.2	10.3	24.8	347.7	347.7	99.9	99.9	24.4	9.
41.4	119.0	13915.3	150.0	-62.1	59.9	213.4	33.7	18.0	27.3	363.0	363.0	99.9	99.9	31.9	12.
45.5	125.5	15059.4	125.0	-61.1	59.9	227.0	20.7	15.1	14.1	384.3	384.3	99.9	99.9	37.5	17.
50.6	133.0	16439.6	100.0	-60.1	49.9	280.1	13.3	13.1	-2.3	411.6	411.6	99.9	99.9	41.5	22.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 37
SHAMROCK, TEXAS21 MAY 1979
1105 GMT

113 94. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	721.0	930.5	17.0	15.0	340.0	2.0	0.7	-1.9	296.2	326.8	11.6	88.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	12.8	771.7	925.0	16.3	14.8	131.3	5.5	-4.1	3.6	296.0	326.5	11.6	90.9	0.4	346.
0.8	18.9	1005.1	900.0	14.9	13.7	20.8	7.0	-2.5	-6.5	296.8	326.0	11.0	92.5	0.5	330.
1.5	17.1	1243.9	875.0	13.7	12.5	26.3	6.1	-2.7	-5.5	298.0	326.9	10.5	92.5	0.4	295.
2.4	19.4	1488.0	850.0	12.0	9.8	46.7	4.4	-3.2	-3.0	298.7	323.0	9.0	87.1	0.5	260.
3.5	21.7	1738.8	825.0	12.4	6.1	90.3	2.7	-2.7	0.0	301.7	321.7	7.2	65.5	0.7	258.
4.3	23.0	1996.4	800.0	10.6	5.0	99.9	5.5	-3.4	0.6	302.4	321.2	6.8	68.1	0.9	261.
5.2	26.4	2260.5	775.0	6.7	5.5	85.6	6.3	-6.3	-0.5	303.1	323.5	7.3	80.5	1.1	264.
6.1	28.7	2531.9	750.0	8.2	3.2	69.2	4.6	-6.1	-2.3	305.1	323.8	6.5	70.8	1.5	262.
6.9	31.1	2811.8	725.0	7.5	1.4	53.9	4.3	-3.4	-2.5	307.7	324.4	5.8	65.0	1.8	259.
7.8	33.5	3100.7	700.0	5.8	0.8	47.0	1.9	-1.4	-1.3	309.0	323.7	5.8	69.8	1.9	256.
8.8	36.0	3357.2	675.0	3.2	1.4	125.4	0.7	-0.6	0.4	309.3	327.3	6.3	87.7	1.9	256.
9.9	38.5	3702.4	650.0	0.7	-0.6	212.3	2.0	1.1	1.7	309.7	326.1	5.6	90.9	1.9	258.
11.0	41.1	4017.2	625.0	-0.2	-4.6	233.5	4.0	3.2	2.4	312.2	323.2	4.4	72.0	1.7	261.
12.0	43.7	4342.9	600.0	-2.5	-10.0	240.3	4.5	3.9	2.3	313.2	325.3	3.0	56.4	1.5	265.
13.2	46.4	4679.0	575.0	-5.6	-6.5	237.6	3.1	2.6	1.7	313.2	325.8	4.1	93.4	1.2	271.
14.2	49.1	5026.5	550.0	-7.5	-8.4	229.8	5.4	2.6	2.2	315.2	326.4	3.7	93.6	1.1	276.
15.4	52.0	5387.3	525.0	-10.3	-17.9	224.3	5.6	3.9	4.0	316.0	321.7	1.8	53.7	1.0	291.
16.6	55.8	5761.7	500.0	-11.7	-36.0	236.0	7.3	6.0	4.1	318.0	320.0	0.3	11.2	0.8	321.
17.9	57.8	6153.1	475.0	-14.2	-37.7	234.9	10.7	6.7	6.1	320.4	321.6	0.3	11.5	1.0	1.
19.4	60.9	6561.1	450.0	-16.9	-60.6	227.9	15.5	11.5	10.4	322.0	322.1	0.0	1.0	2.0	29.
21.3	63.0	6987.2	425.0	-20.3	-62.8	224.2	16.5	11.5	11.8	323.0	323.1	0.0	1.0	3.8	37.
22.9	67.3	7432.6	400.0	-24.4	-54.0	224.2	15.1	10.5	10.8	323.3	323.6	0.1	4.5	5.4	39.
26.7	70.6	7899.0	375.0	-28.2	-57.4	220.6	13.0	8.4	9.8	324.3	323.5	0.0	4.1	6.9	40.
26.4	74.0	8390.6	350.0	-31.7	-52.7	209.5	9.9	4.9	8.6	326.0	326.3	0.1	10.3	8.1	39.
28.3	77.7	8911.0	325.0	-35.5	-43.4	197.9	11.0	3.4	10.5	327.7	328.6	0.2	44.7	9.1	38.
30.1	81.3	9465.4	300.0	-38.6	-43.6	180.0	16.4	2.6	16.2	331.0	332.0	0.3	60.9	10.3	34.
32.0	85.3	10056.0	275.0	-44.1	99.9	196.5	22.1	6.3	21.2	331.4	999.9	99.9	999.9	12.4	30.
34.0	89.5	10687.3	250.0	-49.7	99.9	200.5	28.4	9.9	26.6	332.1	999.9	99.9	999.9	15.5	28.
36.7	93.8	11370.3	225.0	-53.6	99.9	197.5	35.7	10.7	34.0	336.4	999.9	99.9	999.9	20.6	26.
39.6	98.6	12117.4	200.0	-59.5	99.9	205.2	38.1	16.2	34.5	338.4	999.9	99.9	999.9	27.1	24.
43.2	103.8	12954.9	175.0	-60.0	99.9	219.3	30.1	19.1	23.3	350.6	999.9	99.9	999.9	34.6	26.
48.5	109.2	13921.4	150.0	-57.1	99.9	234.8	19.7	16.1	11.4	371.7	999.9	99.9	999.9	39.2	29.
50.9	115.2	15060.1	125.0	-60.9	99.9	228.1	15.1	11.3	10.1	384.8	999.9	99.9	999.9	42.8	31.
56.0	124.3	16444.8	100.0	-61.5	99.9	999.9	99.9	99.9	99.9	408.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
STROUD, OKLAHOMA20 MAY 1979
1105 CMT

119 134. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	272.0	977.0	20.3	19.8	380.0	0.0	0.0	0.0	295.4	334.5	15.1	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	9.1	289.0	975.0	20.8	19.7	259.4	5.6	3.5	0.7	296.1	335.2	15.0	93.1	0.1	3.
0.9	11.5	516.7	950.0	22.7	20.8	268.0	5.7	5.7	0.1	300.3	343.8	16.5	88.7	0.2	45.
1.8	13.9	749.8	925.0	21.9	20.3	271.4	6.9	6.9	-0.2	301.7	345.5	16.5	90.9	0.5	81.
2.6	16.3	587.9	900.0	19.5	18.4	267.7	7.0	7.0	0.3	301.7	341.7	15.0	93.3	0.8	84.
3.4	19.8	1230.7	875.0	17.8	16.8	265.0	10.3	10.2	0.9	302.3	339.6	13.9	93.7	1.2	84.
4.3	21.3	1474.4	850.0	17.5	15.5	267.7	16.3	16.3	0.7	304.4	338.0	12.4	82.9	1.9	85.
5.1	23.8	1735.5	825.0	18.3	10.5	270.2	20.5	20.5	-0.1	307.9	335.1	9.7	60.3	2.8	86.
6.0	26.4	1995.4	800.0	17.3	9.2	266.1	19.2	19.2	1.3	309.6	335.4	9.2	58.8	3.9	87.
6.9	29.9	2270.3	775.0	16.4	8.0	255.1	17.5	16.9	4.5	311.4	336.2	8.7	57.6	4.9	86.
7.9	31.6	2548.9	750.0	14.1	6.4	250.8	15.8	14.9	5.2	311.9	335.0	8.1	59.7	5.8	83.
8.9	34.2	2834.4	725.0	11.7	4.8	254.4	16.7	16.0	4.5	312.3	333.9	7.5	62.7	6.8	82.
10.0	36.9	3126.8	700.0	8.6	4.4	255.6	16.7	16.1	4.1	312.0	333.7	7.5	74.6	7.8	81.
11.0	39.7	3427.0	675.0	5.8	4.5	251.8	15.6	14.8	4.9	312.2	334.8	7.9	91.5	8.8	80.
12.0	42.6	3734.9	650.0	3.0	0.8	250.1	13.7	12.9	4.7	312.4	330.6	6.3	84.9	9.7	79.
13.1	45.4	4052.0	625.0	0.7	-0.9	257.2	14.4	14.0	3.2	313.2	330.1	5.8	89.5	10.6	79.
14.1	48.3	4379.0	600.0	-2.0	-2.5	259.8	14.4	12.4	7.2	313.9	329.5	5.3	96.0	11.4	79.
15.2	51.3	4715.9	575.0	-5.3	-10.4	257.4	15.2	11.2	10.3	313.8	319.6	1.8	41.1	12.3	76.
16.4	54.4	5064.3	550.0	-7.0	-19.6	237.6	14.9	12.6	8.0	315.6	320.8	1.6	37.8	13.3	74.
17.8	57.5	5426.7	525.0	-7.6	-55.7	258.1	18.8	18.4	-1.0	321.3	319.4	0.0	1.0	14.6	73.
19.1	60.6	5804.9	500.0	-9.7	-55.0	273.0	18.8	18.8	-1.0	321.3	321.4	0.0	1.0	16.1	75.
20.6	64.0	6198.0	475.0	-12.8	-58.0	269.5	19.0	19.0	0.2	323.1	322.2	0.0	1.0	17.7	77.
22.1	67.3	6666.1	450.0	-15.7	-59.9	263.4	20.1	20.0	2.3	323.5	323.6	0.0	1.0	19.4	77.
23.7	70.9	7036.5	425.0	-18.6	-61.8	267.7	21.7	21.7	0.9	325.1	325.2	0.0	1.0	21.5	78.
25.4	74.4	7485.8	400.0	-20.6	-63.1	275.8	23.0	22.8	-2.3	328.2	328.3	0.0	1.0	23.6	79.
27.2	78.1	7961.2	375.0	-24.0	-40.5	270.0	24.7	24.7	-0.0	329.8	330.9	0.3	20.0	26.0	81.
28.9	82.0	8461.4	350.0	-27.8	-46.7	270.4	25.6	25.6	-0.2	331.3	331.9	0.2	14.4	28.6	82.
30.8	86.0	8990.4	325.0	-31.9	-70.4	269.3	26.4	26.4	0.3	332.7	332.7	0.0	1.0	31.7	82.
32.9	90.2	9551.0	300.0	-36.1	-73.2	272.2	26.4	26.4	-1.0	336.6	334.6	99.9	99.9	38.3	83.
35.2	94.6	10150.3	275.0	-39.8	99.9	278.3	22.8	22.5	-3.3	337.6	999.9	99.9	99.9	38.3	84.
37.7	99.2	10794.2	250.0	-45.0	99.9	283.1	20.9	20.4	-4.8	339.2	999.9	99.9	99.9	41.3	85.
40.4	104.2	11488.3	225.0	-51.4	99.9	279.4	23.6	23.3	-3.9	339.7	999.9	99.9	99.9	44.8	87.
43.9	109.6	12242.9	200.0	-57.4	99.9	283.3	25.9	25.2	-6.0	341.9	999.9	99.9	99.9	49.5	88.
47.3	115.5	13074.2	175.0	-64.2	99.9	288.4	25.5	24.2	-8.0	999.9	999.9	99.9	99.9	54.7	90.
50.3	121.7	14003.4	150.0	-69.2	99.9	999.9	99.9	99.9	99.9	350.9	999.9	99.9	99.9	59.8	91.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
 STROUD, OKLAHOMA

 20 MAY 1979
 1405 GMT

TIME MIN.	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.5	272.0	979.0	20.0	18.8	50.0	3.0	-2.3	-1.9	294.9	331.6	14.2	93.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	8.8	307.5	975.0	20.3	18.3	76.8	4.2	-0.1	-1.0	295.6	331.4	13.7	88.1	0.1	280.0
1.1	11.2	532.2	950.0	19.6	18.8	115.1	3.6	-3.3	1.5	297.1	335.1	14.6	95.3	0.3	253.0
1.9	13.5	762.5	925.0	18.7	17.9	199.0	3.0	1.0	2.8	298.4	335.6	14.1	95.0	0.4	276.0
2.8	15.8	998.6	900.0	18.6	17.8	252.7	3.6	3.8	1.1	300.7	339.0	14.4	95.0	0.2	311.0
3.8	18.3	1240.8	875.0	17.3	16.5	290.1	4.0	3.8	-1.4	301.8	338.3	13.7	94.9	0.2	10.0
4.9	20.7	1488.9	850.0	16.7	14.6	306.8	7.9	6.3	-4.7	303.6	337.2	12.4	87.5	0.3	9.0
5.9	23.1	1743.6	825.0	15.2	13.6	307.0	10.3	8.2	-6.2	304.7	337.4	12.0	90.1	0.9	117.0
7.0	25.7	2004.4	800.0	13.1	11.9	291.9	11.0	10.2	-4.1	305.2	335.5	11.1	92.4	1.6	122.0
8.1	28.2	2272.9	775.0	14.4	2.8	278.5	10.9	10.8	-1.6	309.3	326.8	6.1	45.8	2.3	115.0
9.4	30.8	2545.1	750.0	12.7	1.2	274.4	9.1	9.1	-0.7	310.4	326.6	5.6	45.3	3.0	110.0
10.7	33.4	2833.4	725.0	11.4	-0.6	273.9	10.5	10.5	-1.2	312.0	326.9	5.1	43.1	3.7	107.0
11.8	35.1	3125.4	700.0	9.1	-3.7	273.9	11.5	11.4	-0.8	312.6	325.0	4.2	40.2	4.5	105.0
13.0	38.8	3425.4	675.0	6.3	-4.5	269.5	11.1	11.1	0.1	312.7	324.8	4.1	45.7	5.3	103.0
14.2	41.6	3733.5	650.0	3.3	-5.2	266.5	11.1	11.1	0.7	312.7	324.6	4.0	53.6	6.0	101.0
15.3	44.4	4050.2	625.0	0.4	-7.0	259.4	11.4	11.2	2.1	312.9	323.8	3.6	57.8	6.8	99.0
16.6	47.3	4376.0	600.0	-2.1	-17.8	247.9	13.7	12.7	5.2	313.7	318.9	1.7	30.8	7.7	98.0
18.0	50.3	4712.7	575.0	-4.7	-25.5	243.1	13.5	12.1	6.1	314.5	317.3	0.8	17.7	8.7	92.0
19.5	53.3	5060.5	550.0	-7.0	-33.2	255.1	15.2	14.7	3.9	315.8	316.0	0.0	1.2	9.8	89.0
21.0	56.4	5422.8	525.0	-8.3	-55.1	262.5	15.9	13.7	2.1	318.9	316.7	0.0	1.0	11.2	88.0
22.4	59.5	5799.4	500.0	-11.0	-56.9	261.4	20.0	19.8	3.0	319.6	319.7	0.0	1.0	12.7	87.0
24.0	62.7	6191.3	475.0	-13.5	-58.4	259.0	20.7	20.3	4.0	321.3	321.4	0.0	1.0	14.6	86.0
25.7	66.1	6600.9	450.0	-15.9	-60.0	263.8	19.4	19.3	2.1	323.2	323.3	0.0	1.0	16.6	85.0
27.3	69.4	7030.4	425.0	-18.0	-44.5	270.2	17.4	17.4	-0.1	325.9	326.6	0.2	7.7	18.5	84.0
29.0	73.0	7480.1	400.0	-21.6	-34.5	261.4	17.5	17.3	2.6	327.0	328.6	0.5	29.7	20.2	83.0
30.8	76.7	7953.0	375.0	-24.6	-36.5	251.1	19.1	18.0	6.2	329.1	330.8	0.5	34.4	22.1	82.0
32.6	80.5	8451.6	350.0	-28.5	-35.5	261.5	22.4	22.2	3.3	330.4	332.3	0.5	50.7	24.3	81.0
34.4	84.5	8977.9	325.0	-33.0	-44.8	265.7	27.8	27.7	2.1	331.2	332.0	0.2	29.5	26.9	80.0
36.6	88.7	9536.1	300.0	-37.3	-46.7	262.2	34.9	34.6	4.8	332.9	333.6	0.2	36.4	31.1	80.0
39.3	93.0	10131.3	275.0	-41.5	99.9	261.2	31.9	31.5	4.9	335.1	999.9	99.9	999.9	36.6	80.0
42.0	97.6	10772.3	250.0	-45.7	99.9	262.2	32.0	31.7	4.3	338.2	999.9	99.9	999.9	41.6	83.0
44.7	102.6	11466.0	225.0	-51.1	99.9	263.3	32.1	31.9	3.7	340.2	999.9	99.9	999.9	46.8	83.0
47.8	107.8	12222.9	200.0	-56.4	99.9	263.8	27.9	27.7	3.0	343.2	999.9	99.9	999.9	52.4	83.0
51.1	113.6	13058.0	175.0	-63.2	99.9	258.4	23.2	22.7	4.7	345.6	999.9	99.9	999.9	57.6	83.0
54.6	119.7	13991.3	150.0	-68.9	99.9	253.4	27.8	26.7	7.9	351.4	999.9	99.9	999.9	62.4	83.0
58.6	126.7	15087.6	125.0	-65.8	99.9	268.9	27.5	27.5	0.5	375.8	999.9	99.9	999.9	69.8	82.0
63.4	134.3	16466.0	100.0	-61.2	99.9	999.9	99.9	99.9	99.9	409.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38 STROUD, OKLAHOMA														
20 MAY 1979														
1705 GMT														
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE
MIN		CGN	MB	DEG C	DEG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM
0.0	8.7	272.0	979.8	22.6	19.8	65.0	3.0	-2.7	-1.3	297.5	336.7	15.0	84.0	0.0
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
0.1	9.1	314.9	975.0	21.5	18.5	85.0	7.1	-7.1	-0.6	296.6	333.3	13.9	83.1	0.2
0.9	11.5	540.6	950.0	20.0	18.7	89.7	6.1	-6.1	-0.0	297.5	335.4	14.5	92.1	0.4
1.7	13.9	770.8	925.0	18.8	17.8	100.5	5.6	-3.5	0.7	298.5	335.6	14.1	94.3	0.6
2.5	16.3	1006.9	900.0	18.0	17.1	92.6	1.9	-1.9	0.1	300.1	336.8	13.8	94.5	0.7
3.4	18.8	1248.7	875.0	17.0	16.1	56.3	1.6	-1.3	-0.9	301.4	337.1	13.3	94.5	0.8
4.2	21.3	1496.5	850.0	15.9	14.1	10.3	1.5	-0.3	-1.5	302.6	335.4	12.1	89.4	0.8
5.1	23.8	1750.7	825.0	16.1	7.3	359.9	1.7	0.2	-1.7	303.6	327.6	7.9	50.2	0.8
6.1	26.3	2012.0	800.0	14.9	6.2	30.2	1.5	-0.8	-1.3	307.1	328.1	7.5	55.8	0.9
7.1	28.9	2280.6	775.0	14.2	4.0	265.0	5.4	5.3	0.5	309.1	328.0	6.6	50.4	0.7
8.0	31.5	2557.2	750.0	13.1	1.8	287.1	9.3	6.9	-2.7	310.2	327.7	5.8	46.3	0.3
8.9	34.1	2841.4	725.0	11.7	-6.0	273.5	10.5	10.5	-0.6	312.3	322.5	3.4	28.3	0.5
10.0	36.9	3133.4	700.0	9.2	-9.8	263.7	10.9	10.8	1.0	312.7	320.6	2.6	25.1	1.1
11.2	39.7	3433.2	675.0	6.2	-7.8	263.2	10.8	10.8	1.3	312.6	322.2	3.1	35.6	1.8
12.1	42.4	3741.0	650.0	3.4	-7.5	260.7	10.8	10.7	1.7	312.8	322.9	3.4	44.9	2.4
13.2	45.2	4057.6	625.0	0.5	-7.7	259.9	11.8	11.6	2.3	313.0	323.4	3.4	54.2	3.1
14.4	48.1	4383.8	600.0	-2.1	-13.3	257.7	14.0	13.6	3.0	313.7	321.1	2.4	44.4	4.0
15.6	51.1	4721.6	575.0	-2.4	-15.5	263.5	15.0	14.9	1.4	317.2	317.4	0.1	1.0	5.1
16.9	54.1	5072.6	550.0	-5.1	-53.2	267.0	14.9	14.9	0.8	318.0	318.2	0.0	1.0	6.3
19.4	57.3	5436.1	525.0	-7.7	-54.8	263.1	18.0	17.9	2.2	319.2	319.4	0.0	1.0	7.7
19.8	61.4	5814.1	500.0	-9.9	-56.2	260.3	18.0	17.7	3.0	321.0	321.2	0.0	1.0	9.2
21.3	63.7	6207.2	475.0	-13.3	-58.6	262.3	18.2	18.1	2.4	321.5	321.7	0.0	1.7	10.7
22.8	67.0	6618.9	450.0	-15.3	-43.3	262.4	18.2	18.2	0.2	324.1	324.7	0.2	6.9	12.4
24.4	70.4	7046.5	425.0	-18.1	-41.9	263.7	14.1	14.0	1.3	325.2	326.7	0.2	10.8	13.8
26.0	74.0	7496.0	400.0	-22.1	-44.9	248.6	15.8	14.7	5.6	326.3	327.0	0.2	10.4	15.2
27.8	77.7	7967.8	375.0	-25.2	-31.1	251.8	17.5	16.6	5.4	328.2	330.9	0.8	50.4	16.9
29.5	81.4	8464.9	350.0	-29.4	-36.1	271.4	20.7	20.7	-0.5	323.1	330.9	0.5	51.6	18.8
31.5	85.4	8990.3	325.0	-33.0	-42.7	269.8	28.3	28.3	0.6	331.2	332.2	0.3	36.8	21.6
33.5	89.5	9549.5	300.0	-36.6	-42.0	260.4	31.1	30.7	5.2	333.6	334.9	0.3	57.2	25.2
35.7	93.8	10146.0	275.0	-41.5	99.9	259.1	36.3	35.6	6.9	335.1	999.9	99.9	999.9	29.8
38.1	98.4	10780.7	250.0	-45.9	99.9	259.3	34.6	33.8	7.0	337.9	999.9	99.9	999.9	34.8
40.6	103.2	11479.8	225.0	-51.3	99.9	262.7	31.2	30.9	4.0	340.0	999.9	99.9	999.9	39.8
43.4	108.4	12237.9	200.0	-56.0	99.9	262.4	30.8	30.5	4.1	342.0	999.9	99.9	999.9	44.9
46.2	114.0	13073.4	175.0	-62.4	99.9	260.5	27.3	26.9	4.5	346.5	999.9	99.9	999.9	50.0
49.2	120.0	14012.8	150.0	-68.1	99.9	257.4	28.2	27.6	6.1	352.6	999.9	99.9	999.9	54.6
52.8	127.0	15119.4	125.0	-64.0	99.9	262.5	28.6	28.3	3.7	379.2	999.9	99.9	999.9	61.3
56.9	134.3	16505.5	100.0	-59.4	99.9	999.9	99.9	99.9	99.9	413.0	999.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
 STROUD, OKLAHOMA

 20 MAY 1979
 2005 GMT

130 100. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	8.4	272.0	979.3	24.6	17.8	90.0	2.0	-2.0	0.0	299.5	334.7	13.3	66.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.1	8.8	310.7	975.0	24.5	17.7	99.9	99.9	99.9	99.9	299.8	335.0	13.2	66.0	999.9	999.9
0.9	11.3	538.3	950.0	22.6	18.4	999.9	99.9	99.9	99.9	300.1	337.6	14.2	77.1	999.9	999.9
1.7	13.7	770.4	925.0	20.3	18.0	999.9	99.9	99.9	99.9	300.0	337.7	14.2	86.8	999.9	999.9
2.6	16.2	1007.1	900.0	19.1	15.8	999.9	99.9	99.9	99.9	301.2	335.2	12.7	81.6	999.9	999.9
3.4	18.7	1249.5	875.0	17.8	14.7	999.9	99.9	99.9	99.9	302.3	335.1	12.2	82.2	999.9	999.9
4.2	21.3	1457.5	850.0	16.1	12.8	999.9	99.9	99.9	99.9	303.0	333.0	11.0	81.1	999.9	999.9
4.9	23.8	1751.2	825.0	14.3	10.6	999.9	99.9	99.9	99.9	303.7	330.5	9.8	78.6	999.9	999.9
5.8	26.4	2011.3	800.0	13.4	8.0	999.9	99.9	99.9	99.9	305.5	328.8	6.9	56.7	999.9	999.9
6.7	29.0	2278.4	775.0	12.7	5.6	999.9	99.9	99.9	99.9	307.3	328.4	7.4	61.9	999.9	999.9
7.6	31.7	2553.2	750.0	10.8	5.3	999.9	99.9	99.9	99.9	308.3	329.5	7.5	69.0	999.9	999.9
8.5	34.4	2836.5	725.0	11.0	1.9	999.9	99.9	99.9	99.9	311.6	329.3	6.1	53.2	999.9	999.9
9.4	37.1	3128.2	700.0	8.7	-3.5	999.9	99.9	99.9	99.9	312.1	328.6	4.2	41.9	999.9	999.9
10.4	40.0	3427.6	675.0	5.8	-7.6	999.9	99.9	99.9	99.9	312.2	321.8	3.2	37.3	999.9	999.9
11.3	42.8	3735.3	650.0	3.3	-11.0	249.1	15.0	14.0	5.4	313.7	320.6	2.2	33.6	1.1	94.
12.3	45.8	4051.9	625.0	1.1	-13.1	268.5	12.8	12.8	0.3	315.4	319.7	1.3	22.0	1.9	85.
13.3	48.6	4379.4	600.0	-0.7	-19.7	268.5	12.8	12.8	-2.3	316.2	323.0	2.1	40.9	3.7	89.
14.4	51.6	4717.9	575.0	-3.2	-14.8	271.7	13.9	13.7	-0.5	317.5	323.0	3.8	81.9	3.7	91.
15.6	54.7	5068.4	550.0	-5.6	-8.2	271.7	15.6	15.6	1.6	318.8	329.5	3.5	86.7	4.9	90.
16.8	57.9	5431.9	525.0	-8.0	-9.8	264.3	16.7	16.6	1.6	320.7	328.7	2.5	71.0	6.0	89.
17.9	61.0	5809.9	500.0	-10.1	-14.4	262.8	14.2	14.1	1.8	320.7	328.7	2.5	71.0	6.0	89.
19.1	64.4	6203.1	475.0	-13.5	-19.9	262.8	11.5	11.4	1.4	321.43	326.7	1.7	58.4	6.9	88.
20.5	67.7	6612.9	450.0	-15.8	-26.4	263.6	9.4	9.3	1.1	323.4	326.7	1.0	39.4	7.7	88.
21.9	71.3	7041.1	425.0	-15.2	-34.1	255.8	11.6	11.2	2.8	324.4	326.5	0.6	31.5	8.6	87.
23.3	74.9	7489.8	400.0	-22.1	-29.8	263.0	14.3	14.2	1.7	326.3	329.0	0.8	49.5	9.7	86.
24.8	78.6	7961.4	375.0	-25.4	-34.6	270.1	17.6	17.6	-0.0	327.9	329.8	0.5	41.9	11.1	86.
26.4	82.5	8458.3	350.0	-29.4	-37.9	266.1	22.5	22.4	1.5	329.2	330.7	0.4	42.9	12.9	87.
28.0	86.5	8984.5	325.0	-32.3	-39.4	255.0	29.5	28.5	7.6	332.1	333.5	0.4	48.8	15.4	85.
29.7	90.7	9544.3	300.0	-36.4	-45.9	248.9	33.6	31.3	12.1	334.1	334.9	0.2	36.3	18.5	83.
31.5	95.2	10141.2	275.0	-41.7	-49.9	249.3	37.5	35.1	13.3	334.2	334.9	99.9	999.9	22.2	80.
33.6	99.8	10780.3	250.0	-46.6	-59.9	252.6	39.9	38.1	11.9	336.7	336.9	99.9	999.9	27.3	79.
36.1	104.8	11471.3	225.0	-51.8	-69.9	257.0	37.9	36.9	8.5	339.1	339.9	99.9	999.9	33.0	78.
38.5	110.0	12227.0	200.0	-56.6	-79.9	260.3	38.5	37.9	6.5	343.2	343.9	99.9	999.9	38.5	78.
41.0	115.8	13063.3	175.0	-62.0	-89.9	258.9	33.0	32.4	6.3	347.6	347.9	99.9	999.9	44.0	79.
43.1	122.2	14005.3	150.0	-67.6	-99.9	254.3	33.3	32.1	9.0	353.7	353.9	99.9	999.9	49.6	78.
47.2	129.0	15115.1	125.0	-64.1	-99.9	262.3	27.4	27.1	3.7	378.9	378.9	99.9	999.9	56.2	78.
51.5	137.0	16494.5	100.0	-60.4	-99.9	999.9	99.9	99.9	99.9	411.1	411.1	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
STROUD, OKLAHOMA
20 MAY 1979
2130 CMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	V COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.5	272.0	977.3	26.4	20.0	90.0	4.0	-3.1	-2.6	301.2	342.2	15.3	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	8.7	292.8	975.0	25.8	19.4	82.0	5.8	-4.5	-3.5	301.2	340.4	14.8	67.8	0.1	306.
0.8	11.0	521.0	950.0	23.2	17.6	56.8	8.2	-6.9	-4.5	300.8	336.7	13.5	70.6	0.3	235.
1.4	13.4	753.7	925.0	21.0	17.5	60.6	8.7	-7.6	-4.3	300.8	337.5	13.8	80.8	0.6	237.
2.0	15.7	990.8	900.0	19.1	16.6	56.9	9.1	-7.6	-5.0	301.2	336.9	13.4	85.4	1.0	238.
2.8	18.1	1232.9	875.0	16.9	15.5	58.5	8.9	-7.6	-4.7	301.2	335.7	12.6	91.5	1.4	237.
3.7	20.5	1480.6	850.0	15.8	13.8	75.3	6.7	-6.5	-1.7	302.8	334.5	11.8	87.4	1.8	239.
4.4	23.0	1734.1	825.0	14.0	12.6	94.7	5.1	-5.1	0.4	303.4	333.9	11.2	91.5	2.1	242.
5.3	25.5	1994.0	800.0	12.5	11.5	127.1	3.9	-3.1	2.4	304.5	333.9	10.7	93.2	2.2	246.
6.3	27.9	2260.5	775.0	10.8	9.7	142.8	4.2	-2.6	3.4	305.5	332.5	9.8	92.4	2.3	252.
7.3	30.5	2534.0	750.0	10.4	5.2	196.3	3.0	0.8	2.9	307.9	329.0	7.5	70.3	2.3	257.
8.4	33.1	2816.8	725.0	10.7	2.3	245.6	5.1	4.6	2.1	311.2	329.3	6.3	56.0	2.1	259.
9.5	35.7	3108.8	700.0	8.8	0.8	258.8	5.7	5.7	1.1	312.9	329.2	5.8	46.3	1.3	259.
10.8	38.4	3402.8	675.0	6.4	-4.3	270.6	5.7	5.7	-0.1	312.9	325.3	4.2	39.4	0.9	251.
12.0	41.1	3717.0	650.0	4.0	-8.6	276.1	8.2	8.1	-0.9	313.5	322.8	3.1	39.4	0.9	251.
13.2	43.5	4034.4	625.0	1.1	-10.9	276.0	8.1	8.1	-0.8	313.5	321.9	2.7	40.3	0.4	201.
14.4	46.8	4361.6	600.0	-0.8	-21.7	283.0	6.5	8.2	-1.9	315.2	318.8	1.1	18.7	0.6	138.
15.7	49.7	4700.3	575.0	-2.5	-18.8	291.8	10.1	9.4	-3.8	317.1	322.3	1.6	29.7	1.2	122.
16.9	52.6	5051.2	550.0	-5.4	-9.0	285.6	12.1	11.7	-3.2	317.7	328.6	3.6	76.6	2.1	118.
18.2	55.6	5415.3	525.0	-7.5	-9.6	279.8	12.8	12.6	-2.2	319.4	330.4	3.5	85.0	3.0	112.
19.5	58.8	5753.7	500.0	-10.6	-11.4	278.5	12.3	12.1	-1.8	320.1	330.1	3.2	93.5	4.0	109.
20.8	62.0	6186.8	475.0	-13.0	-18.9	276.8	8.5	8.5	-1.0	321.9	327.7	1.8	61.3	4.8	107.
22.2	65.3	6597.1	450.0	-15.8	-33.1	277.5	6.7	6.7	-0.9	323.4	325.3	0.5	20.8	5.4	106.
23.7	68.6	7025.5	425.0	-18.9	-26.4	278.6	10.0	10.0	-1.1	324.7	328.2	1.0	51.3	6.1	105.
25.3	72.1	7474.1	400.0	-22.4	-28.9	271.0	12.3	12.3	-0.2	325.8	328.6	0.9	55.6	7.1	103.
26.9	75.7	7944.4	375.0	-26.6	-33.5	271.7	12.9	12.9	-0.4	326.4	328.5	0.6	51.6	8.3	101.
28.3	79.5	8438.7	350.0	-30.4	-31.8	281.3	17.1	16.8	-3.3	327.8	330.4	0.8	87.0	9.5	101.
29.9	83.5	8961.3	325.0	-34.6	-36.0	277.7	22.9	22.7	-3.1	329.0	330.6	0.4	70.9	11.4	101.
31.5	87.5	9517.2	300.0	-37.3	-41.2	262.5	28.0	28.3	3.7	332.8	334.0	0.3	66.7	13.9	99.
33.4	92.0	10112.5	275.0	-41.7	99.9	254.3	31.3	30.1	6.5	334.6	999.9	99.9	999.9	17.1	95.
35.9	96.6	10782.8	250.0	-45.7	99.9	243.7	31.7	28.4	14.0	338.1	999.9	99.9	999.9	21.4	90.
38.1	101.4	11448.1	225.0	-50.5	99.9	231.7	35.8	28.1	22.2	341.2	999.9	99.9	999.9	25.1	84.
40.1	106.8	12207.6	200.0	-55.5	99.9	230.1	39.8	30.6	25.5	344.9	999.9	99.9	999.9	29.1	79.
42.3	112.5	13050.3	175.0	-60.4	99.9	239.0	36.7	31.5	18.9	350.3	999.9	99.9	999.9	33.8	75.
45.0	118.7	13994.9	150.0	-65.1	99.9	260.4	34.6	34.1	5.8	357.9	999.9	99.9	999.9	39.5	74.
48.3	126.0	15056.0	125.0	-65.4	99.9	270.8	27.0	27.0	-0.4	363.5	999.9	99.9	999.9	45.6	76.
52.6	133.7	16476.0	100.0	-60.7	99.9	999.9	99.9	99.9	99.9	410.4	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NIT. 38
STROUD, OKLAHOMA20 MAY 1979
2300 GMT

124 110. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT IT DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE AZ KN	DG
0.0	8.8	272.0	978.3	23.6	18.5	00.0	5.0	-4.3	-2.5	298.6	335.1	13.8	73.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	9.1	301.6	975.0	23.6	17.5	63.4	10.4	-9.3	-4.7	298.8	333.5	13.1	68.7	0.2	241.
0.9	11.5	526.6	950.0	22.0	16.6	62.5	11.1	-9.9	-5.1	299.2	333.2	12.7	71.5	0.4	242.
1.7	13.8	760.1	925.0	19.7	16.4	65.1	11.8	-10.7	-5.0	299.5	333.6	12.8	81.4	1.0	242.
2.6	16.2	990.2	900.0	17.6	16.3	72.2	11.5	-10.9	-3.5	299.9	334.6	13.1	91.1	1.6	244.
3.5	18.6	1237.4	875.0	16.2	15.3	81.1	10.6	-10.4	-1.6	300.6	334.3	12.6	94.2	2.2	248.
4.3	21.0	1484.2	850.0	15.0	14.1	96.3	8.7	-8.7	1.0	301.6	334.1	12.0	94.3	2.7	251.
5.3	23.5	1737.4	825.0	13.7	12.8	125.0	5.8	-4.8	3.3	303.1	334.0	11.4	94.4	3.0	256.
6.1	26.0	1997.0	800.0	12.5	11.6	142.7	5.0	-3.0	4.0	304.4	334.0	10.8	94.5	3.1	260.
7.3	28.6	2263.7	775.0	10.8	10.0	182.8	4.1	0.2	4.1	305.5	333.1	10.0	94.5	3.3	265.
8.4	31.1	2537.2	750.0	11.1	3.5	239.4	4.4	3.8	2.2	308.7	327.5	6.6	59.6	3.1	269.
9.5	33.8	2820.2	725.0	10.0	2.2	252.5	5.0	4.8	1.5	310.4	328.3	6.2	58.3	2.8	271.
10.5	36.4	3110.9	700.0	7.9	-3.9	269.6	6.4	6.4	0.0	311.2	323.5	4.2	43.5	2.5	272.
11.3	39.1	3406.3	675.0	4.8	-10.6	277.3	6.7	6.6	-0.9	311.1	318.8	2.5	31.6	2.1	272.
12.1	41.9	3715.7	650.0	2.2	-7.8	282.8	4.9	4.8	-1.1	311.4	321.3	3.3	47.5	1.9	271.
12.7	44.8	4031.2	625.0	-0.8	-5.9	286.1	3.0	2.9	-0.8	311.5	323.3	4.0	68.7	1.7	269.
13.6	47.6	4355.7	600.0	-4.1	-6.0	274.9	3.8	2.8	-0.2	311.4	323.6	4.1	66.5	1.6	268.
15.1	50.5	4690.5	575.0	-5.8	-7.1	267.6	5.0	5.0	0.2	313.2	324.9	3.9	90.5	1.3	269.
16.6	53.5	5039.1	550.0	-6.5	-7.8	275.5	7.3	7.3	-0.7	316.4	328.1	3.9	90.6	0.6	267.
18.1	56.6	5402.0	525.0	-8.2	-9.4	294.4	9.5	8.6	-3.9	318.3	329.6	3.6	91.6	0.3	207.
19.4	59.6	5779.6	500.0	-10.5	-12.0	267.6	13.3	13.3	0.6	320.2	329.7	3.0	88.7	1.0	110.
20.7	62.9	6172.9	475.0	-13.2	-14.9	283.8	18.6	10.3	-2.5	321.7	329.8	2.5	86.7	1.8	103.
22.3	66.1	6583.0	450.0	-15.8	-18.0	288.0	10.4	9.9	-3.2	323.4	330.0	2.1	83.1	2.8	104.
24.0	69.6	7011.7	425.0	-18.8	-21.3	288.8	10.2	9.6	-3.3	324.9	330.3	1.6	80.2	3.9	106.
25.6	73.1	7461.1	400.0	-21.7	-25.0	288.0	13.8	13.0	-4.4	326.7	331.0	1.3	74.9	4.9	106.
27.6	76.7	7933.9	375.0	-24.5	-27.9	276.1	21.7	21.6	-2.3	329.1	332.7	1.0	73.8	7.0	106.
30.0	80.5	8434.5	350.0	-26.8	-30.6	250.5	20.6	19.4	6.8	332.6	335.6	0.8	69.8	10.1	99.
31.9	84.5	8964.9	325.0	-30.9	-35.2	228.7	20.0	15.1	13.2	334.1	336.2	0.6	65.4	11.9	92.
33.4	88.5	9527.9	300.0	-35.1	-39.9	217.6	24.8	15.1	19.7	335.9	337.4	0.4	61.5	13.3	85.
35.7	92.8	10128.2	275.0	-40.0	99.9	214.3	31.5	17.8	26.0	337.3	999.9	99.9	999.9	16.0	75.
38.2	97.4	10773.6	250.0	-43.8	99.9	211.1	35.0	18.1	30.0	341.2	999.9	99.9	999.9	20.1	65.
40.8	102.3	11469.6	225.0	-50.8	99.9	208.7	33.6	16.1	29.5	340.7	999.9	99.9	999.9	24.6	58.
43.6	107.5	12224.5	200.0	-57.3	99.9	214.9	34.9	20.0	28.6	342.1	999.9	99.9	999.9	29.6	53.
46.0	113.2	13057.7	175.0	-63.2	99.9	224.8	37.1	26.2	26.3	345.7	999.9	99.9	999.9	35.0	51.
49.3	119.5	13997.2	150.0	-66.6	99.9	244.6	33.7	30.5	14.4	355.4	999.9	99.9	999.9	41.5	51.
53.1	126.3	15108.7	125.0	-65.1	99.9	999.9	99.9	99.9	99.9	377.1	999.9	99.9	999.9	47.6	56.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
 STROUD, OKLAHOMA

 21 MAY 1979
 245 GMT

52 509. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	272.0	980.4	18.8	18.1	999.9	99.9	99.9	99.9	293.8	328.5	13.5	96.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	8.8	319.6	975.0	18.6	18.3	999.9	99.9	99.9	99.9	293.5	329.4	13.7	97.8	999.9	999.9
1.3	11.2	543.3	950.0	18.2	16.8	999.9	99.9	99.9	99.9	295.7	329.1	12.8	91.5	999.9	999.9
2.0	13.6	772.8	925.0	18.0	17.3	999.9	99.9	99.9	99.9	297.7	333.6	13.6	95.9	999.9	999.9
2.8	16.0	1007.8	900.0	16.7	16.1	999.9	99.9	99.9	99.9	298.7	333.0	12.9	96.2	999.9	999.9
3.6	18.5	1248.6	875.0	15.9	15.4	999.9	99.9	99.9	99.9	300.3	334.2	12.7	96.6	999.9	999.9
4.4	20.9	1494.8	850.0	13.5	12.5	999.9	99.9	99.9	99.9	300.3	329.2	10.8	93.7	999.9	999.9
5.1	23.4	1746.4	825.0	12.1	10.6	999.9	99.9	99.9	99.9	301.4	328.0	9.8	90.3	999.9	999.9
6.0	26.0	2003.9	800.0	11.1	5.0	999.9	99.9	99.9	99.9	303.0	322.0	6.9	46.1	999.9	999.9
6.9	28.6	2268.9	775.0	10.0	3.9	999.9	99.9	99.9	99.9	304.6	323.1	6.6	65.7	999.9	999.9
7.9	31.2	2540.9	750.0	7.7	3.5	999.9	99.9	99.9	99.9	304.5	323.4	6.6	74.7	999.9	999.9
9.1	33.9	2819.7	725.0	5.1	1.7	999.9	99.9	99.9	99.9	305.1	322.0	6.0	78.4	999.9	999.9
10.5	36.6	3105.8	700.0	3.3	-0.5	999.9	99.9	99.9	99.9	306.1	321.2	5.3	76.1	999.9	999.9
11.6	39.3	3400.1	675.0	1.3	-0.4	999.9	99.9	99.9	99.9	307.1	322.9	5.5	88.5	999.9	999.9
13.1	42.1	3704.2	650.0	0.7	-0.5	999.9	99.9	99.9	99.9	309.7	326.2	5.7	91.8	999.9	999.9
14.5	44.9	4019.5	625.0	-0.2	-1.7	999.9	99.9	99.9	99.9	312.2	328.1	5.4	89.5	999.9	999.9
15.8	47.9	4345.8	600.0	-1.9	-3.1	999.9	99.9	99.9	99.9	313.9	329.0	5.1	91.6	999.9	999.9
17.3	50.9	4683.5	575.0	-4.1	-4.8	999.9	99.9	99.9	99.9	315.2	329.2	4.7	95.3	999.9	999.9
18.9	53.9	5034.0	550.0	-5.6	-6.5	999.9	99.9	99.9	99.9	317.4	330.5	4.3	93.8	999.9	999.9
20.6	57.0	5357.8	525.0	-7.9	-8.8	999.9	99.9	99.9	99.9	318.9	330.5	3.8	93.6	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
 STROUD, OKLAHOMA

 21 MAY 1979
 505 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT T DG K	MX RTG CM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	272.0	980.8	19.4	18.2	360.0	5.0	0.0	-5.0	294.2	329.4	13.6	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	8.6	323.2	975.0	19.1	17.9	141.8	11.3	-7.0	6.9	294.4	329.0	13.4	92.5	0.1	238.
0.9	11.3	547.1	950.0	18.6	16.7	66.4	13.6	-12.6	-5.5	296.1	329.3	12.7	88.8	0.5	226.
1.6	13.6	776.5	925.0	17.9	15.9	72.0	13.7	-13.1	-4.2	297.6	330.3	12.4	88.0	1.0	238.
2.3	16.1	1011.1	900.0	16.7	15.0	75.6	12.9	-12.5	-3.2	298.7	330.6	12.0	89.9	1.6	245.
3.0	18.5	1251.2	875.0	14.5	13.6	78.7	9.9	-6.7	-2.0	298.9	329.0	11.3	94.4	2.1	247.
3.8	21.0	1496.1	850.0	12.8	12.0	100.7	6.5	-6.4	1.2	299.5	327.5	10.4	94.9	2.5	250.
4.6	23.5	1746.8	825.0	11.7	6.2	99.2	6.1	-6.0	1.0	301.0	320.9	7.2	68.8	2.7	253.
5.5	26.0	2004.6	800.0	11.1	4.9	123.2	5.5	-6.6	3.0	303.0	322.0	6.8	65.7	3.0	256.
6.4	28.6	2270.1	775.0	11.2	2.6	110.6	5.9	-5.5	2.1	305.9	322.9	6.0	55.3	3.2	260.
7.3	31.2	2543.6	750.0	9.9	1.4	89.0	6.1	-6.1	-0.1	307.3	323.5	5.7	55.3	3.5	262.
8.2	33.9	2824.8	725.0	8.2	0.7	79.2	6.0	-5.9	-1.1	308.5	324.6	5.6	59.2	3.8	262.
9.1	36.6	3113.8	700.0	5.9	0.5	63.8	6.2	-5.6	-2.7	309.0	325.5	5.7	68.3	4.1	261.
10.0	39.3	3410.5	675.0	3.0	-0.0	47.4	6.7	-5.0	-4.6	309.0	325.4	5.7	80.6	4.5	259.
10.9	42.1	3715.6	650.0	0.9	-0.1	41.6	5.5	-3.7	-4.1	310.0	327.0	5.9	93.1	4.7	256.
11.9	44.9	4030.5	625.0	-1.0	-1.8	26.1	3.0	-1.3	-2.7	311.3	327.0	5.4	94.0	4.9	255.
13.1	47.9	4355.9	600.0	-2.6	-3.4	340.2	1.7	0.6	-1.6	313.1	327.8	5.0	94.0	5.0	253.
14.0	50.8	4693.1	575.0	-4.2	-5.1	297.2	2.9	2.5	-1.3	315.0	328.7	4.6	93.7	5.0	252.
14.9	53.9	5043.0	550.0	-6.2	-7.2	274.7	6.7	6.7	-0.5	316.7	329.1	4.1	92.7	4.8	251.
16.0	57.0	5466.1	525.0	-8.2	-9.3	259.0	11.6	11.3	2.2	318.4	329.7	3.6	92.2	4.1	249.
17.4	60.1	5784.2	500.0	-10.6	-11.8	242.1	12.1	10.7	5.7	320.1	329.8	3.1	91.2	3.1	248.
18.9	63.4	6177.4	475.0	-13.2	-16.0	227.1	16.3	11.9	11.1	321.6	329.8	2.3	79.5	2.0	259.
20.6	66.8	6567.6	450.0	-15.6	-18.5	230.2	18.8	14.4	12.0	323.7	330.1	2.0	78.2	1.1	323.
22.4	70.3	7017.5	425.0	-17.7	-20.5	236.3	23.5	19.7	12.9	326.3	332.1	1.8	79.0	2.5	30.
23.6	73.7	7469.4	400.0	-20.3	-23.0	236.2	24.7	20.5	13.8	328.7	333.7	1.5	78.7	4.1	41.
25.0	77.4	7944.4	375.0	-23.9	-27.0	234.5	26.2	21.4	14.6	330.6	333.8	1.1	75.6	6.2	46.
26.5	81.3	8444.5	350.0	-27.8	-31.0	233.6	24.7	19.9	15.2	331.3	334.2	0.8	73.6	8.6	48.
28.1	85.2	8972.2	325.0	-32.4	-35.6	234.0	25.8	20.9	15.2	332.0	334.0	0.6	73.1	10.8	49.
29.7	89.3	9531.7	300.0	-36.8	-40.5	234.7	24.4	19.9	14.1	333.5	334.9	0.4	68.3	13.3	50.
31.7	93.7	10127.7	275.0	-41.9	-45.9	99.9	99.9	99.9	99.9	334.6	999.9	99.9	99.9	16.0	51.
34.1	98.3	10766.5	250.0	-46.5	-50.9	99.9	99.9	99.9	99.9	337.0	999.9	99.9	99.9	99.9	99.9
36.2	103.2	11456.1	225.0	-52.9	-56.9	99.9	99.9	99.9	99.9	337.5	999.9	99.9	99.9	21.7	50.
38.7	108.4	12203.8	200.0	-60.2	-64.2	99.9	99.9	99.9	99.9	337.8	999.9	99.9	99.9	25.9	49.
41.2	114.0	13021.2	175.0	-67.9	-71.9	99.9	99.9	99.9	99.9	338.0	999.9	99.9	99.9	30.2	49.
44.5	120.0	13949.1	150.0	-66.6	-70.6	99.9	99.9	99.9	99.9	335.4	999.9	99.9	99.9	37.4	50.
49.4	126.7	15059.1	125.0	-65.4	-69.4	99.9	99.9	99.9	99.9	376.6	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
STROUD, OKLAHOMA

21 MAY 1979
085 GMT

112 116. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.0	272.0	980.8	18.9	18.1	360.0	0.0	0.0	0.0	293.7	328.5	13.5	95.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	8.5	323.2	975.0	18.6	17.6	215.1	4.0	2.3	3.3	293.9	327.8	13.1	93.7	0.1	290.
0.9	10.7	546.4	950.0	17.5	16.3	74.8	9.0	-8.7	-2.4	295.0	327.2	12.4	92.2	0.3	233.
1.6	12.8	774.6	925.0	16.3	15.0	93.1	10.5	-10.5	0.6	296.0	326.8	11.7	92.1	0.6	251.
2.4	15.0	1008.0	900.0	15.2	14.0	105.5	9.9	-9.6	2.6	297.2	327.1	11.3	92.4	1.2	263.
3.2	17.3	1247.4	875.0	14.2	13.0	110.0	7.7	-7.2	2.6	298.5	327.5	10.9	92.6	1.6	270.
4.0	19.5	1492.7	850.0	13.4	12.3	104.0	5.1	-4.9	1.2	300.2	328.9	10.7	92.9	1.9	273.
4.8	21.8	1744.2	825.0	12.1	10.9	90.5	4.3	-4.3	0.0	301.4	328.5	10.0	92.7	2.1	273.
5.7	24.2	2001.9	800.0	10.0	8.9	90.7	4.6	-4.6	0.1	301.8	328.4	9.0	92.5	2.3	273.
6.5	26.5	2266.3	775.0	5.0	7.7	94.5	4.2	-4.2	0.3	303.2	327.1	8.6	92.0	2.5	273.
7.5	28.9	2537.6	750.0	7.4	6.2	96.3	5.8	-5.8	0.6	304.6	326.8	8.0	92.2	2.8	273.
8.7	31.3	2816.4	725.0	4.9	1.9	93.3	6.9	-6.9	0.4	304.8	322.0	6.1	81.1	3.3	273.
9.7	33.8	3102.1	700.0	2.8	-0.8	82.8	7.3	-7.3	-0.9	305.6	320.4	5.2	77.0	3.7	273.
10.8	36.4	3396.0	675.0	0.9	-1.0	68.3	9.0	-8.4	-3.3	306.6	321.8	5.3	87.6	4.2	271.
11.8	38.9	3698.8	650.0	-0.6	-2.2	64.3	8.9	-8.0	-3.9	308.3	322.8	5.0	89.1	4.8	267.
13.2	41.6	4012.6	625.0	-1.5	-2.5	91.9	6.4	-6.4	0.2	310.8	325.7	5.1	92.3	5.4	266.
14.5	44.2	4337.4	600.0	-2.9	-4.1	130.8	3.4	-2.6	2.2	312.7	326.7	4.7	91.8	5.7	267.
15.8	46.9	4674.1	575.0	-4.2	-5.5	198.2	1.6	0.9	1.5	315.1	328.4	4.4	90.7	5.8	268.
17.2	49.7	5023.7	550.0	-6.4	-7.8	235.4	4.3	3.6	2.5	316.5	328.3	3.9	89.6	5.6	270.
18.7	52.6	5386.9	525.0	-8.1	-9.7	244.0	5.4	4.9	2.4	318.7	329.5	3.5	88.8	5.1	272.
20.0	55.4	5765.3	500.0	-9.8	-11.4	241.4	6.4	5.6	3.0	321.1	331.1	3.2	88.4	4.8	274.
21.4	58.5	6159.4	475.0	-12.6	-14.3	232.1	9.6	7.6	5.9	322.4	330.8	2.7	87.4	4.3	280.
23.0	61.6	6570.5	450.0	-15.4	-17.3	228.1	18.4	7.8	7.0	323.5	331.0	2.2	85.2	3.8	292.
24.6	64.8	7000.5	425.0	-18.0	-20.3	234.9	18.6	10.3	7.2	325.9	331.8	1.8	81.8	3.3	307.
26.0	68.0	7451.3	400.0	-20.9	-23.5	233.2	15.1	12.1	9.0	327.6	332.6	1.4	79.5	3.2	329.
27.5	71.3	7926.2	375.0	-23.9	-26.6	233.7	17.2	13.9	10.2	330.6	333.9	1.1	78.0	3.6	351.
29.2	74.9	8426.3	350.0	-27.8	-30.7	233.7	18.5	14.9	11.0	331.3	334.2	0.8	75.7	4.8	12.
31.0	78.4	8955.1	325.0	-31.7	-34.9	229.7	20.6	15.7	13.4	333.0	335.2	0.6	73.1	6.5	23.
32.9	82.2	9515.9	300.0	-36.3	-40.2	230.8	23.2	18.0	14.7	334.2	335.6	0.4	66.7	8.8	31.
35.0	86.2	10112.9	275.0	-41.4	-45.9	225.1	25.6	18.1	18.1	335.2	335.9	99.9	999.9	11.8	35.
37.8	90.5	10753.1	250.0	-46.9	-51.4	223.2	28.4	18.1	19.3	336.3	336.3	99.9	999.9	16.2	38.
40.3	94.8	11441.0	225.0	-53.4	-59.9	223.4	28.6	20.3	21.5	336.7	336.7	99.9	999.9	20.3	39.
42.5	99.6	12187.1	200.0	-60.5	-68.9	222.6	31.4	21.3	23.1	337.0	337.0	99.9	999.9	24.2	39.
45.3	104.8	13007.6	175.0	-65.9	-75.9	234.9	34.6	28.3	19.9	341.2	339.9	99.9	999.9	29.7	41.
49.1	110.4	13939.9	150.0	-65.4	-75.9	257.9	34.8	34.0	7.3	357.5	339.9	99.9	999.9	37.0	46.
53.5	116.5	15050.5	125.0	-65.6	-75.9	99.9	99.9	99.9	99.9	376.2	339.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
STROUD, OKLAHOMA21 MAY 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT /T DG K	E POT T DG K	MX RYO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.0	272.0	979.2	18.1	16.8	70.0	1.0	-0.9	-0.3	293.0	325.1	12.4	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	8.4	309.1	975.0	18.3	17.0	81.1	3.4	-3.4	-0.5	293.5	326.4	12.7	92.6	0.1	319.
0.9	10.6	532.3	950.0	17.5	16.4	97.3	7.3	-7.2	0.9	295.0	327.6	12.5	93.2	0.3	269.
1.7	13.3	760.4	925.0	16.1	15.0	94.5	7.6	-7.5	0.6	295.8	326.5	11.7	92.9	0.7	273.
2.4	15.7	993.7	900.0	15.0	13.9	90.4	7.7	-7.7	0.1	296.9	326.5	11.2	93.2	1.0	273.
3.2	18.2	1232.3	875.0	13.4	12.3	66.3	8.0	-8.0	-0.5	297.7	325.2	10.4	93.3	1.4	273.
3.9	20.8	1476.5	850.0	12.5	11.4	86.3	8.4	-8.4	-0.5	299.2	326.3	10.1	93.2	1.7	270.
4.7	23.3	1727.2	825.0	11.1	10.0	87.2	8.6	-8.6	-0.4	300.2	325.6	9.4	93.0	2.1	270.
5.5	25.9	1984.1	800.0	9.6	7.6	84.9	7.9	-7.8	-0.7	301.4	323.9	8.2	87.3	2.5	269.
6.3	28.5	2248.0	775.0	8.6	6.4	85.0	7.9	-7.9	-0.7	303.1	324.7	7.8	85.8	2.9	269.
7.0	31.1	2515.5	750.0	8.2	4.1	92.8	8.1	-8.1	0.4	305.5	324.8	6.9	75.2	3.3	269.
7.9	33.8	2799.2	725.0	6.4	2.8	98.5	8.6	-8.5	1.3	306.5	324.9	6.5	77.8	3.7	269.
8.9	36.6	3086.4	700.0	3.9	0.5	99.8	9.2	-9.1	1.6	306.8	323.0	5.7	78.3	4.2	271.
9.8	39.3	3381.2	675.0	1.9	-0.5	95.7	8.5	-8.4	0.8	307.6	324.1	5.7	86.4	4.7	271.
10.8	42.1	3685.5	650.0	0.6	-0.5	83.6	6.9	-6.9	-0.8	309.6	326.1	5.7	92.4	5.2	271.
11.9	45.0	4000.1	625.0	-1.0	-2.0	68.0	3.7	-3.4	-1.4	311.4	326.9	5.3	92.8	5.5	271.
13.2	47.9	4325.8	600.0	-2.5	-3.5	65.1	1.1	-1.0	-0.5	313.3	327.9	4.9	92.6	5.6	270.
14.6	51.0	4663.0	575.0	-4.1	-5.1	62.4	0.8	-0.7	-0.4	315.2	328.9	4.6	92.5	5.7	270.
15.9	54.0	5012.8	550.0	-6.0	-7.1	303.1	1.0	0.8	-0.5	316.5	329.3	4.1	92.0	5.7	269.
17.3	57.1	5376.4	525.0	-7.9	-9.0	234.8	2.7	2.2	1.5	319.0	330.4	3.7	91.8	5.6	270.
18.8	60.4	5755.3	500.0	-9.8	-10.9	247.5	6.6	6.1	2.5	321.1	331.5	3.3	91.4	5.3	272.
20.0	63.6	6150.0	475.0	-12.2	-13.6	256.0	9.5	9.2	2.3	322.9	331.9	2.8	89.5	4.7	271.
21.3	67.0	6561.4	450.0	-15.2	-16.7	254.4	12.0	11.6	3.2	324.1	331.5	2.3	88.2	3.9	270.
22.6	70.5	6992.2	425.0	-17.8	-19.9	246.2	13.4	12.3	5.4	326.2	332.3	1.9	83.2	3.0	286.
23.9	74.0	7442.8	400.0	-21.2	-24.7	237.6	14.8	12.5	7.9	327.5	331.6	1.3	73.1	2.4	306.
25.3	77.8	7915.4	375.0	-25.8	-29.5	229.7	19.0	18.5	12.3	327.5	330.5	0.9	71.0	2.4	330.
26.9	81.7	8411.1	350.0	-29.5	-33.0	224.8	24.8	17.5	17.6	329.0	329.1	0.0	1.4	3.7	10.
28.5	85.7	8936.6	325.0	-33.0	-37.1	227.2	25.9	19.0	17.6	331.3	331.3	0.0	1.0	5.9	24.
30.2	89.8	9493.7	300.0	-38.0	-41.5	230.9	29.5	22.9	18.6	331.6	331.8	0.0	1.0	8.6	32.
31.9	94.3	10087.2	275.0	-42.9	-46.9	227.5	33.0	28.3	22.3	333.1	999.9	99.9	999.9	11.7	37.
33.7	99.0	10722.5	250.0	-48.0	-52.0	227.9	34.3	25.4	23.0	334.6	999.9	99.9	999.9	15.3	39.
35.8	104.0	11408.4	225.0	-53.6	-57.9	227.4	33.3	24.5	22.5	336.3	999.9	99.9	999.9	19.4	41.
37.9	109.3	12158.2	200.0	-58.5	-63.9	226.9	32.8	24.0	22.4	340.1	999.9	99.9	999.9	23.6	42.
40.2	115.0	12984.5	175.0	-65.1	-71.9	233.6	34.1	27.4	20.2	342.5	999.9	99.9	999.9	28.1	43.
42.8	121.5	13918.5	150.0	-68.5	-75.9	235.7	33.6	32.8	8.3	359.0	999.9	99.9	999.9	33.4	46.
46.1	128.5	15047.2	125.0	-61.6	-69.9	280.1	20.9	20.5	-3.7	383.2	999.9	99.9	999.9	37.7	52.
50.2	136.3	16428.0	100.0	-62.7	-59.9	999.9	99.9	99.9	99.9	406.7	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS

20 MAY 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.0	302.0	573.3	22.6	18.8	180.0	9.0	0.0	9.0	296.2	335.5	14.2	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	11.1	514.1	950.0	22.9	19.9	204.2	16.4	6.7	14.9	300.5	341.8	15.6	83.0	0.5	12.
1.3	13.5	747.3	925.0	22.4	19.2	217.2	18.2	11.0	14.5	302.5	343.3	15.4	81.9	1.2	22.
2.1	15.8	986.5	900.0	22.1	15.1	231.4	19.4	15.2	12.1	305.2	338.4	12.1	61.0	2.1	32.
2.9	18.3	1232.9	875.0	23.8	11.8	238.2	17.3	14.7	9.1	308.2	336.5	10.0	47.0	2.9	40.
3.7	20.7	1486.0	850.0	22.2	12.7	239.9	12.9	11.1	6.5	309.4	340.1	11.0	54.9	3.6	43.
4.5	23.2	1744.9	825.0	20.0	10.0	242.4	10.5	9.3	4.9	309.7	337.3	9.8	54.7	4.1	46.
5.3	25.7	2009.9	800.0	18.3	9.5	242.4	9.3	8.2	4.3	310.6	337.1	9.4	56.5	4.6	48.
6.2	28.3	2281.2	775.0	15.7	7.9	239.2	7.9	6.8	4.0	310.7	335.4	8.7	59.6	5.0	49.
7.1	30.9	2559.0	750.0	13.3	6.7	230.5	7.6	5.9	4.8	311.1	334.7	8.3	64.2	5.4	49.
8.0	33.6	2843.9	725.0	11.3	4.2	227.8	7.7	5.7	5.1	311.8	332.5	7.2	61.6	5.8	49.
8.9	36.2	3136.7	700.0	9.7	0.3	235.1	6.3	5.6	3.9	313.2	329.7	5.6	51.9	6.2	49.
9.8	39.0	3437.5	675.0	7.3	-5.6	245.1	6.3	5.7	2.6	313.9	325.1	3.7	39.3	6.6	50.
10.7	41.8	3747.1	650.0	4.9	-6.0	249.6	6.8	6.4	2.4	314.5	326.0	3.8	45.1	6.9	51.
11.7	44.6	4065.9	625.0	2.3	-6.1	247.6	7.2	6.7	2.7	315.1	326.8	3.9	54.1	7.3	52.
12.7	47.5	4394.1	600.0	-0.7	-8.3	245.9	8.2	7.5	3.3	315.2	325.8	3.4	56.4	7.7	53.
13.7	50.4	4732.6	575.0	-3.4	-10.1	244.4	9.4	8.5	4.1	316.0	325.5	3.1	59.6	8.3	53.
14.8	53.4	5082.6	550.0	-5.8	-18.0	238.4	11.0	9.3	5.8	317.2	323.0	1.9	41.3	8.9	54.
15.8	56.5	5446.9	525.0	-7.0	-12.8	229.3	14.6	11.0	9.5	320.0	328.6	2.7	64.3	9.7	54.
16.9	59.6	5826.2	500.0	-9.4	-15.8	224.8	14.0	9.9	10.0	321.6	328.8	2.2	59.4	10.7	55.
18.3	62.9	6220.2	475.0	-12.8	-15.7	223.8	12.9	8.9	9.3	322.2	329.7	2.4	78.4	11.7	52.
19.6	66.1	6636.4	450.0	-15.4	-32.9	227.8	10.9	8.1	7.3	323.9	325.7	0.5	20.6	12.6	52.
20.9	69.6	7060.7	425.0	-17.3	-27.5	232.2	11.0	8.7	6.8	326.8	330.0	0.9	40.7	13.5	52.
22.4	73.1	7511.4	400.0	-21.5	-29.4	231.3	18.3	8.0	6.5	327.0	329.9	0.8	49.0	14.4	52.
23.8	76.8	7984.4	375.0	-23.9	-28.7	246.1	13.3	12.1	5.4	330.0	333.3	1.0	64.5	15.4	52.
25.4	80.7	8484.5	350.0	-28.1	-34.2	257.4	20.9	20.4	4.6	330.5	333.0	0.6	55.3	16.8	54.
26.8	84.7	9012.3	325.0	-32.2	-38.3	249.3	26.7	25.0	9.5	332.3	333.9	0.4	54.1	18.7	56.
28.4	88.8	9573.1	300.0	-35.8	-41.9	243.1	32.8	29.3	14.8	334.9	336.1	0.3	53.1	21.7	58.
30.5	93.2	10171.5	275.0	-41.1	59.9	241.7	32.6	28.7	15.4	335.7	999.9	99.9	999.9	25.8	58.
32.4	97.8	10811.8	250.0	-45.9	99.9	245.0	33.5	30.4	14.2	337.9	999.9	99.9	999.9	29.6	59.
34.6	102.8	11505.6	225.0	-51.1	99.9	250.6	34.3	32.4	11.4	340.2	999.9	99.9	999.9	34.1	60.
37.1	108.2	12262.3	200.0	-56.4	99.9	253.7	37.5	36.0	10.5	343.5	999.9	99.9	999.9	39.4	62.
39.5	114.0	13097.5	175.0	-63.1	99.9	255.4	32.6	31.6	8.2	345.8	999.9	99.9	999.9	44.5	63.
42.4	120.2	14032.3	150.0	-69.3	99.9	253.0	30.1	28.8	8.8	350.2	999.9	99.9	999.9	49.6	65.
46.3	127.2	15125.7	125.0	-65.5	99.9	248.5	28.7	26.7	10.5	376.4	999.9	99.9	999.9	56.8	65.
50.8	135.0	16486.4	100.0	-64.2	99.9	999.9	99.9	99.9	99.9	403.6	999.9	99.9	999.9	63.5	66.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
 WICHITA FALLS, TEXAS

 20 MAY 1979
 1405 GMT

130 93. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RYD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	302.0	975.3	26.4	18.8	180.0	5.0	0.0	5.0	301.7	339.5	14.2	63.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	8.9	304.7	975.0	26.3	19.0	182.1	5.2	0.2	5.2	301.7	340.1	14.4	64.3	0.0	360.
0.7	11.1	533.0	950.0	22.6	19.6	202.6	7.6	2.9	7.0	300.2	341.3	15.6	84.3	0.3	3.
1.5	13.5	765.8	925.0	21.7	18.8	221.5	11.3	7.5	8.5	301.5	341.3	15.0	83.7	0.8	18.
2.4	15.9	1004.0	900.0	20.5	18.0	238.0	13.6	11.5	7.2	302.6	341.8	14.6	85.5	1.4	33.
3.1	18.3	1247.9	875.0	18.8	17.2	249.3	13.4	12.5	4.7	303.3	341.9	14.3	90.6	1.9	43.
4.0	20.7	1498.0	850.0	20.1	12.1	259.8	10.9	10.7	1.9	309.2	336.4	10.6	60.5	2.5	51.
4.9	23.2	1755.8	825.0	19.5	10.1	257.6	6.0	5.8	1.3	309.2	335.7	9.5	54.5	2.9	55.
5.7	25.7	2020.1	800.0	17.3	9.1	248.1	4.1	3.8	1.5	309.6	335.3	9.1	58.4	3.1	57.
6.6	28.3	2290.7	775.0	15.0	7.3	257.1	2.3	2.2	0.5	310.3	333.6	8.3	59.9	3.3	57.
7.5	30.9	2567.7	750.0	12.6	6.3	236.6	2.0	1.6	1.1	310.3	333.1	8.0	65.3	3.3	58.
8.4	33.4	2852.0	725.0	10.7	5.2	231.8	3.3	2.6	2.0	311.2	333.2	7.7	68.8	3.5	57.
9.3	36.1	3143.9	700.0	8.5	2.6	238.4	3.5	2.9	1.8	311.9	331.1	6.6	66.3	3.7	57.
10.3	38.8	3443.7	675.0	6.0	-0.4	226.3	3.9	2.8	2.7	312.4	328.6	5.5	63.5	3.9	57.
11.4	41.6	3752.1	650.0	3.8	-2.5	215.8	5.7	3.3	4.6	313.2	327.8	4.9	63.8	4.2	56.
12.4	44.4	4069.7	625.0	1.5	-6.6	219.8	6.3	4.0	4.8	314.2	325.4	3.7	54.6	4.6	54.
13.5	47.2	4397.3	600.0	-1.0	-7.3	223.6	8.2	5.6	5.9	314.9	326.1	3.7	62.1	5.0	53.
14.6	50.1	4735.6	575.0	-3.7	-7.9	224.6	9.8	6.9	7.0	315.6	326.8	3.7	72.8	5.6	52.
15.8	53.1	5085.5	550.0	-6.2	-13.8	227.9	11.9	8.8	8.0	316.7	324.2	2.4	54.8	6.4	51.
17.0	56.2	5448.8	525.0	-7.8	-10.1	228.1	13.4	10.0	9.0	319.6	329.5	3.4	83.6	7.2	51.
18.3	59.4	5826.5	500.0	-10.6	-12.6	220.4	14.7	9.5	11.2	320.1	329.2	2.9	85.0	8.3	50.
19.7	62.6	6219.8	475.0	-12.8	-16.8	218.3	15.9	9.9	12.5	322.1	329.1	2.2	71.7	9.6	49.
21.2	65.9	6630.8	450.0	-15.4	-17.9	228.3	15.2	11.3	10.1	323.9	330.6	2.1	81.3	11.0	48.
22.7	69.3	7060.8	425.0	-17.5	-29.3	241.7	13.7	12.1	6.5	326.6	329.3	0.8	34.6	12.3	49.
24.1	72.9	7511.4	400.0	-21.5	-34.6	248.5	13.9	12.1	4.8	327.1	328.9	0.5	29.3	13.4	50.
25.8	76.5	7984.1	375.0	-25.2	-36.4	255.6	14.6	14.1	3.6	328.3	329.9	0.4	34.1	14.6	52.
27.2	80.3	8480.9	350.0	-29.6	-39.2	254.4	20.9	20.1	5.6	328.8	330.1	0.4	38.6	16.0	54.
29.0	84.2	9007.7	325.0	-31.3	-39.7	243.2	28.3	25.2	12.8	333.5	334.9	0.4	43.1	18.5	56.
30.8	89.3	9570.3	300.0	-35.3	-46.0	235.9	30.6	25.3	17.2	335.6	336.4	0.2	32.0	21.8	57.
32.6	92.7	10170.1	275.0	-40.3	99.9	234.7	38.3	24.8	17.5	336.8	999.9	99.9	999.9	25.0	56.
34.7	97.3	10812.4	250.0	-45.8	99.9	236.8	34.8	27.3	17.9	338.1	999.9	99.9	999.9	25.0	56.
37.1	102.2	11505.9	225.0	-51.0	99.9	240.6	33.9	29.6	16.6	340.3	999.9	99.9	999.9	33.7	56.
39.8	107.5	12261.7	200.0	-56.8	99.9	245.9	34.7	31.7	14.1	342.2	999.9	99.9	999.9	39.2	58.
42.8	113.2	13098.4	175.0	-61.9	99.9	242.6	35.2	31.2	16.2	347.9	999.9	99.9	999.9	45.7	59.
46.1	119.5	14037.2	150.0	-67.5	99.9	244.8	32.3	29.2	13.7	353.2	999.9	99.9	999.9	52.0	59.
49.8	125.5	15134.6	125.0	-64.8	99.9	253.9	30.8	29.6	8.5	377.7	999.9	99.9	999.9	59.9	999.
54.6	134.7	16501.0	100.0	-64.2	99.9	599.9	99.9	99.9	99.9	403.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS

20 MAY 1979
1705 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	302.0	975.3	30.0	17.8	230.0	5.0	3.8	3.2	305.3	341.5	13.3	48.0	0.0	0.
99.9	99.9	1000.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	9.1	304.8	975.0	30.0	17.8	225.5	5.0	3.8	3.2	305.3	341.6	13.3	48.3	0.0	1.
0.8	11.3	536.3	950.0	27.2	19.4	212.4	3.4	1.8	2.9	304.6	345.7	15.1	62.2	0.2	35.
1.6	13.6	771.8	925.0	24.7	18.2	200.1	4.1	1.8	3.7	304.6	345.5	14.4	67.1	0.4	33.
2.4	16.0	1011.9	900.0	22.3	18.0	199.2	4.6	1.5	4.3	304.6	344.0	14.6	76.6	0.6	29.
3.1	18.5	1257.2	875.0	20.2	17.8	210.9	4.6	2.4	4.0	304.6	345.0	14.9	86.1	0.8	27.
3.8	21.0	1507.3	850.0	18.0	15.6	247.2	3.5	3.2	1.4	305.0	341.1	13.3	85.8	1.0	30.
4.4	23.4	1764.0	825.0	18.9	9.9	290.2	1.7	1.6	-0.6	308.4	334.9	9.4	55.8	1.1	35.
5.3	26.0	2028.0	800.0	17.4	8.6	203.6	1.1	0.4	1.0	309.7	334.6	8.8	56.1	1.1	36.
6.4	28.5	2298.5	775.0	14.9	5.8	157.9	2.5	-0.9	2.3	309.8	331.3	7.5	54.8	1.1	30.
7.4	31.1	2575.5	750.0	12.7	6.1	179.5	3.0	-0.0	3.0	310.4	333.0	7.9	63.8	1.3	25.
8.4	33.8	2859.6	725.0	10.4	4.4	193.8	4.1	1.0	4.0	310.8	331.8	7.3	66.7	1.5	23.
9.6	36.4	3151.2	700.0	8.1	2.7	190.2	6.0	1.7	5.7	311.4	330.7	6.7	68.6	1.8	22.
10.6	39.1	3450.6	675.0	5.7	1.8	189.9	7.1	1.1	7.0	312.0	328.6	6.5	75.9	2.2	20.
11.9	41.9	3759.0	650.0	4.0	-2.0	185.9	8.0	0.8	8.0	313.5	328.6	5.1	65.3	2.8	17.
13.0	44.8	4071.1	625.0	1.8	-4.8	191.7	9.3	1.9	9.1	314.5	327.3	4.3	61.6	3.4	15.
14.2	47.6	4405.2	600.0	-0.5	-7.5	204.2	11.4	4.7	10.4	315.6	326.6	3.6	59.1	4.1	16.
15.4	50.4	4744.4	575.0	-3.0	-10.0	214.3	12.3	6.9	10.1	316.4	326.0	3.1	58.5	4.9	18.
16.6	53.4	5094.7	550.0	-6.0	-11.2	220.9	13.2	8.6	10.0	317.0	326.1	3.0	60.8	5.8	21.
17.9	56.5	5457.8	525.0	-8.3	-11.2	220.1	15.6	10.0	11.9	318.5	328.1	3.1	79.2	6.9	25.
19.2	59.6	5838.7	500.0	-9.6	-13.5	221.4	16.4	10.9	12.3	321.4	329.3	2.5	67.5	8.1	27.
20.6	62.9	6230.1	475.0	-12.6	-17.9	227.2	15.2	11.1	10.3	325.4	328.7	2.0	64.4	9.4	29.
22.2	66.3	6641.9	450.0	-14.8	-23.6	239.7	12.3	9.6	7.3	328.7	328.9	1.3	46.8	10.6	32.
23.7	69.7	7072.2	425.0	-17.8	-28.6	243.2	10.4	9.3	4.7	326.2	329.1	0.8	38.0	11.5	34.
25.1	73.1	7522.7	400.0	-21.0	-33.4	245.5	9.3	8.4	3.9	327.7	329.7	0.6	31.5	12.2	36.
26.8	76.9	7995.2	375.0	-25.1	-37.2	248.6	12.3	11.4	4.5	328.3	329.8	0.4	31.3	13.0	38.
28.5	80.7	8492.8	350.0	-28.5	-52.2	239.3	19.7	16.4	10.9	330.3	330.7	0.1	11.2	14.6	41.
30.4	84.7	9020.7	325.0	-31.5	-36.3	229.6	22.5	17.1	14.6	333.2	335.1	0.5	63.0	17.0	42.
32.2	89.7	9583.4	300.0	-35.0	-41.3	230.1	26.0	19.9	16.7	336.1	337.4	0.3	52.7	19.6	43.
34.2	93.0	10184.3	275.0	-39.9	-49.5	232.0	30.1	23.7	18.5	337.4	338.0	0.1	34.7	22.9	44.
36.3	97.6	10827.9	250.0	-45.4	99.9	234.6	33.4	27.2	19.3	338.6	999.9	99.9	999.9	27.0	46.
38.7	102.6	11521.3	225.0	-51.4	99.9	237.5	36.0	30.4	19.4	339.7	999.9	99.9	999.9	31.8	47.
41.2	107.8	12277.4	200.0	-56.5	99.9	239.7	38.1	32.9	19.2	343.4	999.9	99.9	999.9	37.2	49.
43.7	113.6	13117.2	175.0	-60.7	99.9	244.5	35.1	31.7	15.1	349.8	999.9	99.9	999.9	43.0	51.
46.6	120.0	14063.3	150.0	-66.7	99.9	243.8	32.6	29.2	14.4	353.3	999.9	99.9	999.9	48.3	52.
50.0	127.0	15167.6	125.0	-64.1	99.9	241.9	30.0	26.5	14.1	379.8	999.9	99.9	999.9	55.1	53.
53.8	135.0	16538.2	100.0	-61.4	99.9	99.9	99.9	99.9	99.9	409.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
 WICHITA FALLS, TEXAS

 20 MAY 1979
 2005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.0	302.0	973.1	27.0	22.0	180.0	6.0	0.0	6.0	302.5	348.7	17.4	74.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	10.9	514.9	950.0	26.0	19.5	170.2	16.2	-2.8	16.0	303.6	344.8	15.2	67.4	0.6	352.
1.4	13.2	750.2	925.0	24.7	19.0	185.8	16.7	-4.1	16.2	304.5	345.4	15.2	70.8	1.2	350.
2.1	15.6	990.5	900.0	22.5	18.6	186.1	14.9	-5.5	13.8	304.9	345.7	15.2	78.2	2.0	347.
2.9	18.0	1235.6	875.0	20.3	18.4	185.4	13.8	-5.7	12.5	304.9	346.5	15.4	88.8	2.6	344.
3.6	20.5	1486.2	850.0	18.2	17.3	185.2	14.1	-5.9	12.8	305.2	345.5	14.9	94.7	3.2	343.
4.3	22.8	1742.0	825.0	15.9	14.3	186.6	11.7	-6.5	9.8	305.4	339.8	12.6	90.5	3.8	341.
5.1	25.4	2004.0	800.0	13.2	8.2	181.6	9.1	-5.7	7.2	307.4	331.4	8.6	82.8	4.2	339.
6.0	27.9	2272.7	775.0	13.4	6.6	184.2	8.9	-5.2	7.2	308.3	330.7	7.9	63.3	4.6	337.
6.9	30.5	2548.4	750.0	11.5	4.8	189.2	10.4	-3.7	9.7	309.1	329.7	7.2	63.4	5.2	337.
7.7	33.1	2831.5	725.0	9.9	4.5	186.0	11.6	-2.8	11.3	310.3	331.2	7.3	69.0	5.7	338.
8.6	35.7	3122.4	700.0	7.3	4.6	188.4	12.3	-2.5	12.1	310.6	332.3	7.6	82.8	6.3	339.
9.5	38.4	3421.3	675.0	4.9	3.6	189.7	12.8	-2.3	12.6	311.2	332.4	7.4	91.4	7.0	340.
10.5	41.1	3728.7	650.0	3.0	1.9	188.1	12.7	-2.6	12.5	312.4	332.7	6.8	92.4	7.8	341.
11.6	43.9	4045.7	625.0	0.4	-0.6	186.1	13.7	-3.3	13.3	313.0	330.2	5.9	92.6	8.6	341.
12.6	46.8	4373.1	600.0	-0.9	-1.6	171.7	14.4	-2.1	14.2	315.1	331.9	5.7	94.3	9.5	342.
13.9	49.7	4712.0	575.0	-3.7	-4.5	181.2	14.9	0.3	14.5	315.7	330.0	4.8	94.2	10.6	343.
15.1	52.7	5062.9	550.0	-5.2	-6.0	191.4	16.5	3.2	16.1	317.9	331.4	4.4	93.8	11.6	345.
16.1	55.7	5427.8	525.0	-6.9	-7.7	201.6	17.7	4.5	16.5	320.2	332.7	4.1	94.1	12.5	348.
17.2	58.9	5807.1	500.0	-9.3	-10.1	206.4	18.3	8.1	16.4	321.7	332.8	3.5	93.6	13.4	351.
18.1	62.0	6202.3	475.0	-11.8	-12.7	207.4	18.0	8.3	16.0	323.3	333.0	3.0	93.3	14.2	353.
19.0	65.3	6615.0	450.0	-14.1	-15.1	208.5	18.3	8.7	16.1	325.5	334.0	2.6	92.1	15.0	355.
19.8	68.7	7047.4	425.0	-16.7	-17.9	212.2	18.0	9.6	15.3	327.6	334.9	2.2	90.3	15.8	357.
21.1	72.3	7500.1	400.0	-20.3	-22.1	224.4	16.6	11.6	11.8	328.6	334.1	1.6	85.0	16.8	0.
22.3	75.9	7976.0	375.0	-23.1	-25.4	233.0	17.4	13.9	10.5	331.1	335.5	1.3	81.3	17.6	3.
23.4	79.6	8478.5	350.0	-26.3	-29.0	236.7	20.4	17.1	11.2	333.3	336.8	1.0	77.7	18.3	6.
24.4	83.6	9010.9	325.0	-30.0	-33.2	244.3	24.4	22.0	10.6	335.4	337.9	0.7	73.4	19.2	9.
26.2	87.7	9577.1	300.0	-33.6	-37.5	249.2	28.2	26.4	10.0	338.0	339.9	0.5	67.4	20.8	17.
28.9	92.0	10181.5	275.0	-38.2	-42.7	250.1	27.4	25.8	9.3	339.9	341.1	0.3	61.9	23.7	25.
30.7	96.6	10830.6	250.0	-43.4	-49.9	252.9	32.1	31.3	9.7	341.5	341.1	0.3	59.9	25.9	30.
32.0	101.6	11529.0	225.0	-50.1	-59.9	254.8	38.1	37.3	10.1	341.7	341.5	0.3	59.9	28.0	34.
33.9	106.8	12288.0	200.0	-55.8	-69.9	259.4	40.3	39.8	7.4	344.4	344.4	0.3	59.9	31.5	40.
37.5	112.7	13126.0	175.0	-61.2	-79.9	256.0	45.1	43.8	10.9	348.9	348.9	0.3	59.9	38.9	48.
40.2	119.0	14067.7	150.0	-64.5	-89.9	255.1	39.4	38.0	10.1	352.1	349.9	0.3	59.9	45.5	52.
43.5	125.7	15174.8	125.0	-61.1	-99.9	254.1	27.2	26.2	7.5	384.4	349.9	0.3	59.9	51.6	55.
47.5	133.7	16535.6	100.0	-65.9	-99.9	259.9	99.9	99.9	99.9	400.5	349.9	0.3	59.9	56.7	56.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS

20 MAY 1979
2130 GMT

119 92. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KN	AZ DG
0.0	9.0	302.0	973.3	28.3	16.2	240.0	9.0	7.8	4.5	303.8	336.5	12.0	48.0	0.0	0.
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	10.9	516.7	950.0	25.6	17.8	185.6	9.7	0.9	9.7	303.2	339.9	13.6	61.8	0.4	2.
1.5	13.1	751.1	925.0	23.5	17.1	192.0	10.7	2.2	10.5	303.3	339.5	13.4	67.4	1.0	2.
2.3	15.4	991.0	900.0	23.5	12.3	212.2	10.3	5.5	8.7	305.7	333.6	10.1	49.5	1.5	10.
3.1	17.6	1236.5	875.0	21.9	9.9	216.9	11.4	6.8	9.1	306.5	331.1	8.8	46.4	1.9	17.
4.0	19.9	1487.6	850.0	20.2	8.6	221.3	11.9	7.9	9.0	307.2	330.7	8.3	47.3	2.5	22.
4.9	22.2	1744.5	825.0	17.8	9.8	220.0	13.1	8.4	10.1	307.4	333.4	9.3	59.5	3.1	26.
5.6	24.6	2007.4	800.0	16.4	6.6	210.5	12.9	6.6	11.1	308.4	330.4	7.7	52.3	3.8	28.
6.5	27.0	2276.6	775.0	14.0	5.4	205.7	13.0	5.6	11.7	308.9	329.7	7.3	56.3	4.4	28.
7.2	29.4	2552.6	750.0	11.6	4.2	201.7	13.6	5.0	12.6	309.2	329.0	6.9	60.3	5.0	27.
7.9	31.8	2835.5	725.0	9.6	3.2	194.7	13.0	3.3	12.6	310.0	329.2	6.7	64.1	5.5	26.
8.7	34.3	3126.1	700.0	7.3	2.5	188.9	13.5	2.1	13.4	310.6	329.6	6.6	71.5	6.1	25.
9.5	36.8	3424.9	675.0	5.3	2.4	181.4	13.5	0.3	13.5	311.4	331.2	6.8	81.8	6.8	23.
10.4	39.4	3732.7	650.0	2.8	1.9	177.1	14.3	-0.7	14.3	312.2	331.8	6.2	93.3	7.4	21.
11.3	42.0	4049.3	625.0	0.6	0.2	173.4	15.7	-1.3	15.6	313.1	331.3	6.2	97.1	8.2	18.
12.3	44.7	4376.8	600.0	-1.1	-1.6	171.0	13.7	-2.1	13.5	314.9	331.6	5.7	96.4	9.0	16.
13.4	47.4	4715.4	575.0	-3.9	-6.3	173.1	12.6	-1.5	12.5	315.4	327.9	4.2	83.1	9.8	14.
14.7	50.2	5065.8	550.0	-5.1	-10.1	185.0	15.5	1.3	15.4	318.1	328.1	3.2	67.8	10.7	12.
15.7	53.0	5430.5	525.0	-6.7	-14.3	189.4	18.2	3.0	17.9	321.0	328.0	2.4	54.2	11.8	12.
16.7	56.0	5809.6	500.0	-9.9	-18.6	194.7	19.6	5.0	19.0	321.0	328.7	1.8	48.9	13.0	12.
17.7	59.0	6206.2	475.0	-9.9	-15.6	211.6	18.3	9.6	15.6	325.7	333.5	2.4	62.7	14.1	13.
18.7	62.0	6621.1	450.0	-13.6	-15.0	231.4	17.8	13.3	10.6	326.2	334.8	2.7	89.2	15.0	15.
20.1	65.1	7054.4	425.0	-16.6	-21.8	246.9	18.1	16.7	7.1	327.7	333.2	1.6	66.2	15.9	18.
21.7	63.4	7508.4	400.0	-19.0	-26.8	245.2	23.7	23.5	10.0	330.2	334.0	1.1	50.0	17.4	23.
23.4	71.9	7986.4	375.0	-22.3	-28.4	244.4	25.8	23.3	11.2	332.1	335.5	1.0	57.1	19.4	29.
25.0	73.3	8490.7	350.0	-25.0	-31.0	245.8	23.3	23.3	9.5	335.0	337.9	0.8	57.1	21.4	32.
26.9	73.0	9025.1	325.0	-28.7	-35.6	245.2	22.4	20.4	9.4	337.2	339.2	0.6	50.9	23.6	36.
29.7	82.8	9593.7	300.0	-32.8	-40.0	253.2	22.7	21.7	6.5	339.1	340.5	0.4	48.1	25.8	39.
30.7	86.8	10201.1	275.0	-37.2	-45.2	257.8	16.0	15.6	3.4	341.4	342.3	0.2	42.6	27.5	42.
32.7	91.0	10853.6	250.0	-41.4	-49.9	248.5	17.5	15.3	6.4	344.5	345.9	99.9	999.9	29.1	44.
34.6	93.6	11559.1	225.0	-47.8	-54.6	252.6	18.3	17.4	5.5	345.2	346.2	99.9	999.9	31.0	45.
36.5	100.4	12325.2	200.0	-54.6	-59.9	260.8	19.0	18.8	3.0	346.2	347.4	99.9	999.9	32.8	47.
39.9	105.6	13165.4	175.0	-62.1	-59.9	251.8	26.3	25.0	8.2	347.4	349.9	99.9	999.9	35.3	50.
42.8	111.3	14103.3	150.0	-68.7	-59.9	243.5	32.1	28.7	14.3	351.7	350.9	99.9	999.9	42.7	52.
46.3	117.5	15186.1	125.0	-67.9	-59.9	246.3	30.0	27.5	12.0	372.0	369.9	99.9	999.9	48.9	54.
50.5	124.5	16543.7	100.0	-63.6	-59.9	240.7	18.2	15.9	8.9	404.5	358.9	99.9	999.9	56.0	55.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
 WICHITA FALLS, TEXAS

 20 MAY 1979
 2305 GMT

33 631. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	8.9	302.0	973.3	29.0	18.0	360.0	9.0	0.0	9.0	300.5	336.3	13.5	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	10.7	514.5	950.0	22.2	17.6	18.4	8.6	-2.7	-8.2	299.7	335.5	13.5	75.2	0.3	196.
1.2	12.8	747.2	925.0	22.8	16.3	29.0	5.6	-2.7	-4.9	302.6	337.0	12.6	67.0	0.6	198.
2.0	14.9	986.1	900.0	21.5	15.6	80.9	3.7	-3.6	-0.6	303.7	337.5	12.5	68.9	0.8	203.
2.6	17.1	1230.4	875.0	20.1	15.1	132.5	5.6	-4.1	-3.8	304.7	338.6	12.5	73.2	0.8	215.
3.4	19.3	1480.7	850.0	19.3	14.0	164.3	6.2	-2.2	7.9	306.4	333.5	9.8	58.6	0.7	241.
4.2	21.5	1737.6	825.0	18.0	9.5	173.8	9.7	-1.0	9.6	307.6	333.0	9.1	57.6	0.7	277.
5.1	23.8	2000.5	800.0	16.4	7.9	187.6	18.6	-2.3	10.4	308.7	332.3	8.4	56.9	1.0	309.
5.9	26.0	2270.2	775.0	14.6	6.5	164.9	11.0	-2.9	10.6	309.5	331.9	7.9	58.4	1.4	323.
6.7	29.4	2546.9	750.0	12.3	5.2	163.5	10.5	-3.0	10.1	309.9	331.2	7.4	61.8	2.0	328.
7.7	30.7	2830.5	725.0	10.1	4.4	165.8	10.0	-2.4	9.7	310.5	331.3	7.3	67.5	2.5	332.
8.6	33.1	3121.8	700.0	8.1	2.6	170.0	9.4	-1.6	9.2	311.5	330.9	6.7	68.9	3.1	334.
9.6	35.5	3422.0	675.0	6.7	1.9	999.9	99.9	99.9	99.9	313.1	332.1	6.5	71.4	999.9	999.9
10.6	38.1	3730.9	650.0	4.0	1.9	999.9	99.9	99.9	99.9	313.5	333.2	6.8	86.4	999.9	999.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS

21 MAY 1979
205 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	302.0	974.1	20.0	19.0	90.0	6.0	-6.0	0.0	298.4	332.7	14.4	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	11.1	518.8	950.0	19.2	17.4	77.3	14.8	-14.4	-3.2	296.7	331.7	13.4	89.5	0.5	251.
1.4	13.5	749.8	925.0	20.8	15.8	72.2	15.8	-15.0	-4.8	300.6	333.6	12.3	73.1	1.2	254.
2.1	15.8	987.2	900.0	20.5	10.5	70.3	14.9	-14.1	-5.0	302.6	327.2	9.0	52.9	1.9	252.
2.9	18.3	1230.1	875.0	18.2	15.7	83.4	11.4	-11.3	-1.3	303.7	337.5	12.9	85.2	2.4	252.
3.4	20.7	1478.7	850.0	16.4	15.4	107.7	9.3	-8.8	2.8	303.4	338.7	13.1	93.7	2.8	254.
4.2	23.2	1733.2	825.0	15.5	14.1	146.5	8.4	-4.7	7.0	305.0	338.9	12.4	91.6	3.0	260.
4.9	25.7	1955.0	800.0	14.2	13.0	168.9	8.4	-2.2	8.1	306.3	338.9	11.9	92.4	3.1	267.
5.7	28.2	2263.1	775.0	12.5	12.0	180.4	9.7	0.1	9.7	307.2	338.9	11.5	97.1	3.2	274.
6.4	30.8	2538.1	750.0	10.7	10.3	188.7	10.3	1.6	10.2	308.2	337.6	10.6	97.1	3.2	283.
7.1	33.4	2820.8	725.0	5.1	8.6	197.2	10.2	3.0	9.7	309.4	336.9	9.8	97.0	3.2	291.
7.8	36.1	3111.1	700.0	5.9	4.6	209.0	9.9	4.8	8.6	309.0	330.7	7.6	91.3	3.2	298.
8.7	39.9	3409.0	675.0	5.1	1.4	210.0	9.4	5.6	7.6	311.4	329.7	6.3	76.9	3.2	307.
9.5	41.6	3717.1	650.0	3.4	0.8	221.7	9.4	6.3	7.1	312.9	331.2	6.3	83.1	3.2	315.
10.4	44.4	4034.7	625.0	1.4	-2.1	224.2	10.2	7.1	7.3	314.1	329.6	5.3	77.4	3.3	325.
11.4	47.3	4362.6	600.0	-1.1	-3.3	220.7	10.8	7.1	8.2	314.8	329.7	5.0	85.0	3.5	334.
12.3	50.2	4700.9	575.0	-3.6	-8.1	212.8	11.3	6.1	9.3	315.7	326.7	3.6	71.0	3.8	342.
13.5	53.2	5051.9	550.0	-4.7	-9.4	205.1	15.0	6.4	13.6	318.5	329.1	3.4	69.8	4.5	351.
14.6	56.3	5417.9	525.0	-5.7	-25.2	202.2	18.9	7.2	17.5	321.6	324.8	0.9	19.6	5.5	357.
15.5	59.4	5798.0	500.0	-9.3	-22.4	197.4	20.0	6.0	19.1	321.7	326.0	1.3	34.2	6.5	1.
16.8	62.6	6192.2	475.0	-12.3	-13.2	193.3	18.1	4.8	17.4	325.7	331.9	2.9	93.5	8.0	4.
18.1	66.0	6604.4	450.0	-14.0	-14.6	197.1	14.2	4.2	13.5	327.2	334.4	2.2	90.5	10.3	7.
19.4	69.3	7036.7	425.0	-16.9	-18.1	199.8	15.5	5.2	15.2	328.6	333.2	1.3	67.6	11.8	9.
21.0	72.9	7489.8	400.0	-20.2	-24.7	209.0	17.4	8.4	15.2	331.1	334.2	0.9	55.2	13.4	12.
22.6	76.5	7965.8	375.0	-23.1	-29.6	213.5	17.4	9.6	14.5	332.5	333.3	0.2	19.5	14.6	14.
23.9	80.3	8467.8	350.0	-26.9	-43.2	210.6	16.2	10.1	12.7	332.5	333.3	0.2	19.5	14.6	14.
25.0	84.2	8996.6	325.0	-31.9	-47.5	220.5	14.1	9.1	10.7	332.7	337.2	0.3	52.6	16.7	18.
26.7	88.3	9557.5	300.0	-35.1	-41.3	233.8	14.8	12.0	8.7	335.9	337.2	0.3	52.6	16.7	18.
28.4	92.7	10158.5	275.0	-40.0	-49.9	234.8	18.3	14.9	10.5	337.3	339.9	99.9	99.9	18.1	22.
30.6	97.2	10808.0	250.0	-45.4	-45.4	232.4	18.3	16.1	12.4	338.6	339.9	99.9	99.9	20.2	25.
32.6	102.0	11496.9	225.0	-50.8	-50.8	243.8	24.7	22.2	10.9	340.6	339.9	99.9	99.9	22.5	29.
34.7	107.2	12253.0	200.0	-57.1	-57.1	249.3	29.4	27.5	10.4	342.3	339.9	99.9	99.9	25.2	34.
37.0	112.8	13083.3	175.0	-64.7	-64.7	240.8	26.1	22.8	12.7	343.2	339.9	99.9	99.9	28.7	38.
40.4	119.0	14018.9	150.0	-68.9	-68.9	217.5	28.0	14.6	19.0	351.5	339.9	99.9	99.9	33.4	39.
44.8	125.7	15105.7	125.0	-66.9	-66.9	230.3	28.1	21.6	17.9	373.8	339.9	99.9	99.9	40.6	40.
50.3	133.5	16478.0	100.0	-60.8	-60.8	99.9	99.9	99.9	99.9	410.4	339.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	339.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	339.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	339.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
 WICHITA FALLS, TEXAS

 21 MAY 1979
 010 GMT

127 96. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.0	302.0	976.1	19.0	18.0	60.0	5.9	-5.2	-3.0	294.2	329.1	13.5	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	9.1	311.8	975.0	18.9	18.0	60.5	6.3	-5.5	-3.1	294.2	329.0	13.4	94.0	0.0	352.
0.7	11.3	535.3	950.0	17.7	16.7	62.0	10.1	-9.0	-4.6	295.1	328.4	12.8	94.2	0.3	265.
1.4	13.6	743.5	925.0	16.3	15.2	55.6	13.7	-11.3	-7.7	296.0	327.1	11.8	92.9	0.8	250.
2.1	16.0	997.4	900.0	17.5	16.9	48.7	12.3	-9.3	-8.1	299.6	324.4	9.2	65.1	1.5	242.
2.9	18.4	1238.8	875.0	17.7	16.8	24.5	5.9	-25.5	-1.4	302.2	324.7	8.2	55.8	1.8	238.
3.7	20.8	1486.7	850.0	16.8	16.6	326.8	4.1	2.2	-3.4	303.8	326.8	8.3	58.4	2.0	233.
4.6	23.3	1741.0	825.0	16.0	16.7	279.0	7.5	7.5	-1.2	305.6	326.5	7.5	53.7	1.8	226.
5.4	25.8	2002.6	800.0	15.4	16.4	268.5	9.9	9.9	0.3	307.6	329.0	7.6	55.0	1.5	213.
6.3	28.3	2271.1	775.0	13.1	16.0	255.2	10.1	10.0	0.8	307.4	329.4	7.4	61.8	1.3	195.
7.1	30.8	2546.2	750.0	10.9	15.2	275.6	11.9	11.9	-1.2	308.4	329.5	7.4	67.9	1.2	170.
7.9	33.4	2826.6	725.0	9.3	15.0	282.2	14.3	14.1	-2.0	309.7	327.7	6.3	61.5	1.6	148.
8.7	36.1	3119.3	700.0	7.5	1.0	287.9	16.4	16.4	0.6	310.8	328.0	5.9	63.5	2.1	132.
9.5	38.8	3418.2	675.0	5.6	-1.4	285.7	17.8	17.2	4.4	312.0	327.0	5.1	60.5	2.7	118.
10.7	41.6	3726.4	650.0	4.0	-6.1	289.5	19.6	18.4	6.9	313.5	326.5	4.3	55.2	3.7	103.
11.8	44.3	4044.4	625.0	2.0	-4.9	247.1	20.7	19.1	9.0	315.7	327.5	4.3	60.2	4.9	94.
12.8	47.1	4372.6	600.0	-0.4	-7.1	240.3	20.3	17.6	10.0	315.7	327.1	3.7	60.4	6.1	88.
14.0	50.1	4711.6	575.0	-3.2	-8.0	235.7	17.9	14.8	10.1	316.3	327.4	3.6	68.9	7.3	82.
15.2	53.1	5062.5	550.0	-5.5	-9.6	230.3	17.3	14.4	9.6	317.6	327.9	3.4	72.5	8.4	79.
16.3	56.2	5426.3	525.0	-7.9	-10.6	223.4	15.7	12.6	9.4	318.9	329.4	3.4	83.5	9.4	76.
17.4	59.3	5804.1	500.0	-10.3	-12.9	225.7	13.1	9.4	9.2	320.5	329.4	2.9	81.6	10.2	74.
18.6	62.5	6197.5	475.0	-12.2	-14.9	225.3	15.9	11.3	11.2	323.8	323.2	0.1	3.3	11.1	71.
20.2	65.9	6609.2	450.0	-13.8	-16.0	217.2	22.3	13.5	17.8	325.9	326.2	0.1	2.1	12.8	67.
21.9	69.3	7042.1	425.0	-15.8	-18.0	210.3	24.1	12.1	20.8	327.7	326.8	0.0	1.0	14.8	62.
23.4	72.7	7496.8	400.0	-18.6	-21.7	206.4	22.6	10.0	20.2	330.9	331.0	0.0	1.0	16.6	58.
24.9	76.3	7973.9	375.0	-22.9	-24.5	209.9	24.5	11.8	21.4	331.2	331.3	0.0	1.0	18.4	55.
26.5	80.0	8474.9	350.0	-27.1	-27.1	211.9	31.5	16.6	26.8	332.2	332.2	0.0	1.0	20.8	52.
28.6	84.0	9004.8	325.0	-31.1	-29.9	211.7	38.8	20.4	33.0	333.8	333.8	0.0	1.0	25.1	48.
30.7	88.0	9567.6	300.0	-35.1	-32.5	209.7	42.7	21.2	37.1	335.9	335.9	0.0	1.0	30.1	45.
32.8	92.4	10168.7	275.0	-39.7	-35.9	207.4	43.6	20.3	38.6	337.7	339.9	99.9	99.9	35.3	43.
35.1	97.0	10813.0	250.0	-45.0	-40.0	210.4	42.3	21.4	36.4	339.2	339.9	99.9	99.9	41.1	41.
37.5	101.8	11509.4	225.0	-49.8	-44.0	215.5	38.6	22.4	31.4	342.1	339.9	99.9	99.9	46.9	40.
40.1	107.0	12265.8	200.0	-56.2	-49.9	215.1	36.3	20.8	29.7	343.9	339.9	99.9	99.9	52.5	39.
42.8	112.8	13105.1	175.0	-62.0	-55.0	222.4	40.5	27.3	29.9	347.7	339.9	99.9	99.9	58.6	39.
46.2	119.3	14046.6	150.0	-66.2	-59.9	228.4	43.3	32.4	28.8	350.1	339.9	99.9	99.9	67.2	40.
50.6	126.0	15155.8	125.0	-63.2	-62.0	236.9	33.4	28.0	18.2	380.5	339.9	99.9	99.9	77.9	42.
55.0	133.7	16531.0	100.0	-63.1	-63.1	239.9	99.9	99.9	99.9	405.6	339.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

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*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS

21 MAY 1979
1110 GMT

128 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.0	302.0	976.3	19.0	17.3	60.0	6.0	-5.2	-3.0	294.2	327.6	12.9	90.0	0.0	0.
99.9	99.9	1000.0	976.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	9.1	313.5	975.0	18.9	17.3	61.8	6.2	-5.5	-2.9	294.2	327.6	12.9	90.5	0.0	349.
0.7	11.3	536.8	950.0	17.2	16.3	76.2	8.6	-8.3	-2.0	294.6	327.0	12.4	94.9	0.3	258.
1.5	13.6	764.4	925.0	15.2	14.4	77.0	9.9	-9.6	-2.2	294.9	324.3	11.3	95.0	0.7	258.
2.3	16.1	977.1	900.0	15.0	13.7	74.7	9.4	-9.0	-2.5	297.0	326.2	11.0	91.8	1.2	257.
3.1	18.5	1236.7	875.0	15.9	7.5	67.6	7.0	-8.5	-2.7	300.3	320.8	7.5	57.6	1.6	253.
4.0	21.0	1483.0	850.0	15.4	7.4	57.4	8.0	-1.7	-1.1	302.2	323.4	7.7	59.1	1.9	253.
4.8	23.5	1736.1	825.0	14.2	7.0	147.5	1.8	-0.9	1.5	303.6	324.9	7.7	62.0	1.8	254.
5.7	26.1	1995.5	800.0	12.9	6.4	282.9	3.6	3.5	-0.8	305.0	326.1	7.6	64.4	1.7	252.
6.5	28.6	2262.1	775.0	11.6	4.0	282.5	6.2	6.0	-1.3	306.3	325.0	6.6	59.9	1.5	248.
7.5	31.2	2536.3	750.0	10.7	2.9	287.6	8.4	8.0	-2.5	308.2	326.3	6.3	58.7	1.2	236.
8.4	33.9	2818.5	725.0	9.2	0.9	288.0	9.0	8.6	-2.8	309.6	325.9	5.7	56.1	1.0	213.
9.3	36.5	3106.2	700.0	7.9	0.2	282.1	8.4	6.2	-1.8	311.2	327.5	5.6	58.4	1.0	182.
10.4	39.3	3408.1	675.0	5.8	-3.2	278.3	8.3	8.4	-1.2	312.1	325.4	4.5	52.5	1.2	156.
11.4	42.1	3716.0	650.0	3.4	-2.7	270.4	9.9	9.9	-0.1	312.9	327.2	4.8	64.0	1.5	137.
12.5	44.9	4033.1	625.0	0.8	-3.9	265.1	10.4	10.3	0.9	313.4	327.1	4.6	70.5	2.0	122.
13.6	47.8	4360.3	600.0	-1.4	-7.3	271.1	9.6	9.6	-0.2	314.5	325.6	3.7	64.0	2.6	114.
14.7	50.7	4658.4	575.0	-3.7	-7.1	273.2	10.5	10.4	-0.6	315.7	327.5	3.9	77.3	3.2	110.
15.8	53.6	5048.1	550.0	-6.1	-12.3	267.8	11.7	11.7	0.5	316.9	325.3	2.7	61.4	3.9	106.
17.0	56.8	5411.3	525.0	-8.2	-22.3	258.5	12.8	12.5	2.6	318.6	322.7	1.3	32.0	4.7	102.
18.1	59.9	5788.8	500.0	-10.2	-31.9	243.5	14.4	12.8	6.4	320.6	320.8	0.1	1.8	5.5	97.
19.5	63.1	6181.6	475.0	-12.7	-38.0	225.2	15.6	11.1	11.0	322.2	322.4	0.0	1.0	6.5	90.
21.0	66.5	6592.1	450.0	-15.4	-49.7	219.7	16.8	10.7	12.9	323.8	323.9	0.0	1.0	7.5	81.
22.4	69.9	7021.2	425.0	-18.2	-61.5	221.4	19.0	12.6	14.2	325.8	325.7	0.0	1.0	8.7	73.
24.1	73.4	7471.8	400.0	-20.8	-69.5	215.2	24.0	13.8	19.6	327.5	328.1	0.0	1.9	10.4	68.
25.5	77.1	7945.2	375.0	-24.7	-78.5	205.0	30.6	12.9	27.7	328.9	332.2	1.0	70.4	12.3	62.
26.9	80.9	8443.7	350.0	-28.2	-82.0	196.4	34.6	9.8	33.2	330.7	333.3	0.7	69.7	14.7	54.
28.5	84.8	8971.9	325.0	-31.9	-86.0	198.0	36.6	11.3	34.8	332.7	334.7	0.5	66.8	17.4	47.
30.2	88.8	9530.9	300.0	-37.5	-91.6	198.0	36.6	11.3	29.1	332.5	333.7	0.3	65.3	20.8	43.
32.3	93.2	10128.7	275.0	-39.7	-99.9	216.2	25.4	15.0	20.5	337.7	339.9	99.9	99.9	24.2	41.
34.3	97.8	10774.7	250.0	-44.2	-99.9	221.7	27.0	17.9	20.1	340.3	340.3	99.9	99.9	27.2	41.
36.4	102.6	11473.4	225.0	-49.5	-99.9	216.8	31.3	18.7	25.1	342.6	342.6	99.9	99.9	31.0	41.
38.7	109.0	12236.4	200.0	-53.5	-99.9	221.5	37.9	25.1	28.4	348.0	348.0	99.9	99.9	35.7	40.
41.7	113.7	13088.1	175.0	-57.3	-99.9	229.6	34.9	28.6	22.7	355.3	355.3	99.9	99.9	42.2	41.
45.0	120.0	14053.0	150.0	-61.0	-99.9	238.3	34.3	29.2	18.0	364.9	364.9	99.9	99.9	49.0	43.
49.2	127.0	15187.9	125.0	-59.2	-99.9	252.7	25.3	24.1	7.5	367.7	367.7	99.9	99.9	56.0	46.
54.0	135.0	16584.6	100.0	-58.5	-99.9	99.9	99.9	99.9	99.9	414.6	414.6	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

APPENDIX II
AVE-SESAME V Sounding Data
with Abnormal Characteristics
Presented at 25-mb Intervals

STATION NO. 255
VICTORIA, TEXAS20 MAY 1979
1403 GMT

165 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT HT DG M	E POT Y DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	33.0	1009.3	22.3	21.3	150.0	5.1	-2.6	4.4	294.7	336.0	16.0	94.0	0.0	0.
0.3	6.2	114.1	1000.0	22.7	22.3	999.9	99.9	99.9	99.9	295.9	340.4	17.2	97.2	999.9	999.
1.1	8.5	335.7	975.0	22.1	21.2	999.9	99.9	99.9	99.9	297.4	340.5	16.5	94.4	999.9	999.
1.9	10.8	561.9	950.0	21.0	18.5	999.9	99.9	99.9	99.9	298.5	336.1	14.3	85.8	1.2	345.
2.9	13.2	793.3	925.0	21.1	11.7	195.8	18.3	2.8	9.9	300.9	327.5	9.9	57.5	1.8	352.
3.7	15.6	1030.9	900.0	22.7	3.9	210.6	9.6	4.9	8.2	304.5	321.0	5.7	29.4	2.2	359.
4.7	18.1	1275.7	875.0	22.1	11.0	207.8	8.6	4.0	7.6	306.2	333.1	9.5	49.3	2.7	6.
5.6	20.6	1526.8	850.0	20.7	7.4	206.5	7.9	3.5	7.1	307.8	339.4	7.6	42.2	3.1	8.
6.7	23.1	1763.9	825.0	18.6	7.9	211.4	9.0	4.7	7.7	308.4	331.5	8.2	49.4	3.6	11.
7.6	25.6	2047.8	800.0	17.5	8.9	219.1	8.6	5.4	6.7	309.8	335.3	9.0	57.1	4.1	14.
8.4	28.2	2318.7	775.0	15.6	7.2	217.6	7.9	4.8	6.3	310.4	334.1	8.3	57.4	4.4	16.
9.2	30.8	2552.0	750.0	12.3	5.1	211.1	7.0	3.6	6.0	309.9	331.0	7.4	61.5	4.8	18.
10.0	33.5	2880.1	725.0	11.0	4.1	209.5	8.1	4.0	7.1	311.5	332.0	7.1	62.4	5.1	18.
10.9	36.2	3171.9	700.0	8.5	2.6	218.3	8.2	5.1	6.5	311.9	331.0	6.6	66.3	5.5	19.
11.9	39.0	3471.7	675.0	6.2	1.6	233.9	8.7	7.1	5.1	312.6	331.2	6.4	72.6	6.0	21.
12.9	41.8	3781.1	650.0	4.9	1.3	248.9	11.2	10.5	3.9	314.6	333.6	6.5	77.0	6.5	25.
13.9	44.6	4101.2	625.0	3.9	-0.1	263.7	13.4	13.3	1.5	316.9	335.0	6.1	75.5	7.0	30.
15.1	47.5	4432.0	600.0	1.2	-1.0	273.5	15.0	15.0	-0.9	317.4	335.3	5.9	84.8	7.5	36.
16.2	50.5	4773.7	575.0	-0.9	-2.8	277.1	16.6	16.5	-2.0	318.9	335.3	5.4	86.8	8.1	43.
17.4	53.5	5127.7	550.0	-3.5	-4.8	279.3	16.7	16.5	-2.7	320.0	334.8	4.9	90.6	8.8	49.
18.6	56.6	5454.4	525.0	-5.9	-6.5	279.8	16.0	16.8	-2.7	321.2	335.1	4.5	95.5	9.6	55.
19.8	59.9	5875.5	500.0	-8.2	-8.8	279.6	16.7	16.5	-2.8	323.0	335.3	4.0	95.8	10.5	59.
21.2	63.1	6272.5	475.0	-10.7	-11.8	279.5	16.8	16.5	-2.8	324.7	335.0	3.3	91.5	11.6	64.
22.5	66.6	6687.3	450.0	-13.1	-14.2	271.5	17.2	17.2	-0.4	326.4	336.0	2.8	91.7	12.8	67.
23.9	70.0	7121.0	425.0	-15.6	-16.7	270.9	17.3	17.3	-0.3	328.0	337.0	2.4	90.6	14.1	69.
25.1	73.6	7576.2	400.0	-18.8	-20.5	265.6	18.0	17.9	1.4	330.5	336.8	1.9	86.4	15.3	71.
26.5	77.2	8058.1	375.0	-22.1	-23.8	263.6	17.1	17.0	1.9	332.3	337.4	1.5	86.1	16.7	72.
28.0	81.1	8558.0	350.0	-25.9	-28.4	260.9	18.5	16.3	2.6	333.8	337.5	1.0	79.5	18.1	73.
29.4	85.0	9190.4	325.0	-30.2	-33.5	259.3	17.3	17.0	3.2	335.1	337.6	0.7	72.3	19.6	73.
31.0	89.2	9655.2	300.0	-34.7	-38.9	260.3	19.4	19.1	3.3	336.5	338.1	0.4	64.7	21.3	74.
32.8	93.6	10256.1	275.0	-39.9	-45.6	256.0	22.2	21.6	5.4	337.5	339.9	99.9	999.9	23.5	74.
34.9	98.2	10899.5	250.0	-45.6	-50.7	260.0	24.6	24.2	4.3	338.3	339.9	99.9	999.9	26.5	74.
37.2	103.0	11593.9	225.0	-50.7	-59.9	271.4	28.8	28.8	-0.7	340.9	339.9	99.9	999.9	30.1	76.
39.6	108.3	12351.9	200.0	-56.2	-69.9	279.1	37.3	36.8	-5.9	343.4	339.9	99.9	999.9	34.5	79.
42.3	114.0	13189.6	175.0	-61.5	-79.9	284.4	45.0	43.5	-11.2	348.5	339.9	99.9	999.9	40.8	83.
45.3	120.2	14134.0	150.0	-66.2	-89.9	277.5	38.9	38.5	-5.0	356.1	339.9	99.9	999.9	48.0	86.
49.0	127.0	15230.4	125.0	-67.3	-99.9	268.5	26.0	26.0	0.7	373.2	339.9	99.9	999.9	55.6	87.
53.2	134.7	16563.9	100.0	-70.3	-99.8	269.7	18.9	18.9	0.1	391.5	339.9	99.9	999.9	59.8	87.
58.6	143.3	18267.9	75.0	-71.3	-99.9	269.1	5.1	5.0	0.3	423.4	339.9	99.9	999.9	61.5	86.
66.2	153.3	20771.6	50.0	-57.4	-99.9	77.4	5.0	-4.9	-1.1	508.3	339.9	99.9	999.9	60.2	86.
77.2	164.0	25223.7	25.0	-49.6	-99.9	999.9	99.9	99.9	99.9	642.1	339.9	99.9	999.9	54.5	85.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI20 MAY 1979
1148 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE AZ KM	80 305. 0
0.0	10.6	438.0	959.4	18.2	17.6	130.0	6.2	-4.7	4.0	294.8	329.4	13.3	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	11.5	522.8	950.0	18.2	17.4	167.6	13.7	-2.9	13.4	295.7	330.5	13.4	95.2	0.4	327.
1.1	13.8	752.6	925.0	18.6	17.9	180.2	16.4	0.1	16.4	298.2	335.7	14.1	94.7	0.9	342.
2.0	16.3	968.6	900.0	18.1	17.2	196.5	17.8	5.0	17.1	300.2	337.0	13.9	94.4	1.8	355.
2.8	18.7	1230.4	850.0	16.9	16.0	210.0	19.3	9.7	16.7	301.3	336.8	13.3	94.8	2.6	5.
3.7	21.2	1777.7	850.0	15.4	14.5	220.7	20.9	13.6	15.9	302.3	335.6	12.4	94.7	3.5	14.
4.4	23.7	1731.4	825.0	14.2	13.4	226.0	23.6	17.0	16.4	303.2	335.7	11.8	94.6	4.4	20.
5.1	26.2	1591.7	800.0	13.1	12.2	230.7	23.1	17.9	14.6	305.1	336.1	11.3	94.6	5.3	25.
5.7	28.8	2258.9	775.0	11.4	10.2	234.2	24.7	20.0	14.5	306.1	334.1	10.1	92.1	6.0	29.
6.1	31.4	2533.1	750.0	10.1	8.1	238.3	25.7	21.8	13.5	307.2	332.9	9.1	87.4	6.7	31.
6.5	34.1	2815.2	725.0	8.9	7.1	241.8	27.0	23.7	12.8	309.2	334.0	8.8	86.5	7.1	34.
6.9	36.8	3106.0	700.0	7.6	5.6	241.8	29.5	26.0	14.0	310.9	334.4	8.2	87.4	7.7	36.
7.3	39.6	3405.9	675.0	6.2	4.6	242.6	29.7	26.4	13.7	312.6	335.5	7.9	89.6	8.4	39.
7.6	42.3	3715.4	650.0	4.8	3.5	243.7	28.2	26.3	12.5	314.4	336.5	7.6	91.1	8.9	40.
7.9	45.2	4035.2	625.0	3.2	2.2	243.5	27.2	25.3	12.1	316.1	337.3	7.2	92.7	10.0	41.
8.3	48.1	4355.8	600.0	1.4	0.5	240.8	28.8	25.1	14.0	318.0	337.7	6.7	92.7	10.0	42.
8.6	51.1	4708.6	575.0	0.4	-0.8	238.6	29.6	25.3	15.4	320.4	339.3	6.3	91.6	10.5	43.
8.9	54.1	5068.1	550.0	0.3	-0.7	237.5	27.6	23.3	14.8	324.2	344.7	6.7	93.1	11.1	44.
9.5	57.3	5439.4	525.0	-1.0	-3.5	236.0	24.4	20.2	13.6	327.2	344.8	5.7	83.5	11.9	45.
10.1	60.4	5826.4	500.0	-4.7	-10.1	235.8	22.7	18.7	12.7	327.9	338.7	3.6	66.0	12.8	46.
10.7	63.6	6227.9	475.0	-8.2	-14.0	238.5	21.5	18.3	11.2	327.9	336.7	2.7	62.6	13.5	46.
11.3	67.0	6647.6	450.0	-8.8	-14.9	239.7	23.0	19.9	11.6	332.1	341.0	2.7	61.6	14.3	47.
11.7	70.4	7088.1	425.0	-12.4	-18.3	242.4	21.1	18.7	9.8	333.1	340.2	2.1	61.2	14.9	48.
12.2	74.1	7547.8	400.0	-15.0	-21.9	247.0	19.8	18.3	7.8	334.2	339.8	1.6	60.3	15.4	48.
12.8	77.8	8031.5	375.0	-19.2	-25.1	252.3	21.1	20.1	6.4	336.2	340.8	1.3	59.3	16.0	49.
13.4	81.7	8542.3	350.0	-22.7	-28.5	259.9	21.9	20.9	99.9	338.2	341.9	1.0	58.6	16.7	50.
14.0	85.7	9078.3	325.0	-28.1	-33.8	269.9	21.9	20.9	99.9	337.5	340.3	0.7	57.7	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
 CHEYENNE, OKLAHOMA

 20 MAY 1979
 1405 GMT

110 139. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	621.0	939.5	21.5	18.5	10.0	6.0	-1.0	-5.9	300.0	338.2	14.4	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	13.5	756.3	925.0	20.5	17.2	36.0	7.0	-3.6	-6.0	300.2	336.0	13.5	81.5	0.2	213.
1.2	15.9	992.6	900.0	17.8	16.7	36.0	7.6	-4.5	-6.2	299.9	335.6	13.5	93.3	0.5	214.
1.9	18.3	1233.7	875.0	16.2	14.9	49.3	5.5	-4.1	-3.6	300.7	333.6	12.3	91.8	0.0	216.
2.8	20.7	1481.6	850.0	17.6	11.5	159.4	3.2	-1.1	2.9	304.6	332.4	10.1	67.8	1.0	219.
3.8	23.2	1737.4	825.0	17.7	8.8	225.0	4.8	3.4	3.4	307.4	331.6	8.7	55.7	0.7	218.
4.7	25.7	2000.9	800.0	17.4	6.0	236.3	3.5	2.9	1.9	309.7	333.6	8.4	53.8	0.4	213.
5.6	28.2	2271.5	775.0	15.7	6.5	255.1	3.0	2.9	0.7	310.7	333.2	7.9	54.2	0.3	198.
6.5	30.9	2549.5	750.0	14.3	3.3	242.7	4.0	3.6	1.8	312.1	331.0	6.5	47.6	0.3	161.
7.4	33.4	2835.6	725.0	13.3	3.1	235.3	4.5	3.7	2.5	314.1	333.4	6.6	49.9	0.3	115.
8.3	36.1	3129.9	700.0	10.9	0.5	246.1	5.0	4.6	2.0	314.6	331.4	5.7	48.5	0.5	90.
9.5	38.8	3432.0	675.0	8.1	-2.0	243.6	5.8	5.2	2.6	314.7	329.3	4.9	49.1	0.9	80.
10.4	41.5	3742.2	650.0	5.3	-3.5	237.0	5.9	4.9	3.2	315.0	328.6	4.5	52.7	1.2	74.
11.4	44.3	4061.2	625.0	2.3	-4.4	235.6	5.3	4.3	3.0	315.1	328.4	4.4	61.3	1.5	70.
12.5	47.1	4385.6	600.0	-0.4	-8.1	237.6	6.4	5.4	3.4	315.6	326.5	3.6	57.4	1.9	67.
13.7	50.1	4728.6	575.0	-1.9	-30.6	237.2	8.3	7.0	4.5	317.8	319.5	0.5	9.5	3.0	63.
14.9	53.1	5086.6	550.0	-4.2	-31.6	236.0	9.6	7.9	5.4	319.2	320.9	0.5	9.5	3.0	63.
16.1	56.1	5445.4	525.0	-6.5	-40.4	227.9	11.8	8.8	7.9	320.7	321.4	0.2	4.7	3.8	61.
17.4	59.3	5825.6	500.0	-8.1	-21.4	227.9	12.6	9.3	8.4	323.1	327.7	1.4	33.9	4.7	58.
18.7	62.5	6222.1	475.0	-10.8	-21.7	236.4	11.3	9.5	6.3	324.6	329.3	1.4	40.2	5.6	57.
20.1	65.7	6635.7	450.0	-13.6	-22.3	227.3	10.6	7.8	7.2	326.2	330.9	1.4	47.6	6.5	57.
21.5	69.1	7047.6	425.0	-17.1	-24.6	210.1	11.6	5.8	10.0	327.0	331.2	1.2	52.0	7.4	55.
22.9	72.6	7519.5	400.0	-20.3	-27.0	215.5	13.2	7.7	10.8	328.6	332.3	1.1	57.0	8.4	51.
24.5	76.3	7994.4	375.0	-23.8	-32.1	228.2	15.5	11.6	10.3	330.1	332.5	0.7	46.1	9.7	50.
26.1	80.0	8494.8	350.0	-27.3	-32.9	230.9	19.0	14.8	12.0	332.0	334.4	0.7	58.6	11.3	50.
27.8	83.9	9025.2	325.0	-30.8	-42.1	230.4	21.8	16.8	13.9	334.2	335.3	0.3	32.6	13.5	50.
29.8	88.0	9588.9	300.0	-35.1	-46.3	226.9	26.3	19.2	17.9	335.9	336.7	0.2	30.5	16.2	50.
31.7	92.2	10190.8	275.0	-39.0	-55.5	223.0	27.4	18.4	20.4	337.7	339.0	0.1	15.5	19.4	49.
34.0	96.8	10839.7	250.0	-42.7	-59.9	222.9	25.8	20.3	21.8	342.6	339.9	99.9	99.9	23.3	48.
36.4	101.6	11544.8	225.0	-47.1	-59.9	225.1	28.3	20.0	20.0	346.4	339.9	99.9	99.9	27.5	47.
39.0	106.6	12313.4	200.0	-53.0	99.9	229.4	29.4	22.3	19.1	349.9	339.9	99.9	99.9	31.9	47.
42.0	112.2	13165.8	175.0	-57.7	99.9	233.7	25.8	20.8	15.2	354.7	339.9	99.9	99.9	37.1	48.
45.3	119.2	14131.7	150.0	-61.0	99.9	99.9	99.9	99.9	99.9	365.1	339.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
 CHEYENNE, OKLAHOMA

 20 MAY 1979
 1705 GMT

92 227. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 2 DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	12.0	621.0	940.4	25.5	15.8	350.0	9.0	1.6	-8.9	304.8	336.3	11.9	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	13.4	764.1	925.0	23.3	17.0	18.3	6.4	-2.0	-6.1	303.1	339.0	13.3	87.9	0.2	202.
1.5	15.9	1004.5	900.0	20.4	16.9	30.9	7.9	-4.1	-6.8	302.2	339.0	13.6	89.2	0.5	204.
2.3	18.3	1247.5	875.0	17.7	16.2	36.6	8.1	-5.2	-7.3	302.2	338.1	13.4	90.5	1.0	210.
3.3	20.9	1495.5	850.0	15.7	15.0	37.7	9.4	-3.3	-8.2	302.7	337.1	12.8	93.5	1.4	213.
4.1	23.4	1750.1	825.0	15.9	11.7	44.4	1.9	-1.3	-1.3	305.4	334.5	10.6	76.3	1.6	213.
5.0	25.9	2011.9	800.0	15.9	6.7	167.8	2.0	-0.4	1.9	308.1	330.0	7.8	54.5	1.5	213.
5.9	28.5	2282.1	775.0	15.8	5.5	191.3	3.3	0.6	3.2	310.8	331.9	7.4	50.3	1.4	217.
6.8	31.1	2560.1	750.0	14.4	3.3	203.1	5.1	2.0	4.7	315.3	331.1	6.5	47.1	1.2	220.
7.8	33.8	2946.2	725.0	13.4	0.4	193.9	6.9	1.9	6.6	315.2	330.3	5.5	48.9	0.9	229.
8.9	36.5	3140.7	700.0	11.0	0.5	203.2	6.3	2.5	5.8	315.6	331.4	5.7	48.2	0.5	255.
10.0	39.3	3443.1	675.0	8.7	-1.3	218.7	5.0	2.9	4.1	315.4	330.7	5.2	49.5	0.4	296.
11.0	42.1	3753.8	650.0	5.7	-2.4	211.9	5.0	2.6	4.2	315.8	330.2	4.9	55.7	0.4	338.
12.2	44.9	4073.5	625.0	3.1	-3.9	207.8	5.3	2.5	4.7	315.0	329.8	4.6	60.2	0.7	359.
13.3	47.8	4402.9	600.0	0.5	-8.6	221.6	7.2	4.8	5.4	315.7	327.1	3.4	50.9	1.1	11.
14.6	50.9	4743.5	575.0	-1.3	-11.8	231.2	8.5	7.4	5.9	315.5	326.9	2.7	45.0	1.6	26.
15.9	53.9	5096.7	550.0	-3.8	-4.8	220.3	11.3	7.3	8.6	319.4	334.4	4.9	92.6	2.4	33.
17.3	57.0	5463.1	525.0	-6.3	-6.9	215.1	11.3	6.0	9.6	320.9	334.2	4.3	95.2	3.4	33.
18.6	60.1	5843.7	500.0	-8.5	-9.4	209.6	9.6	4.6	8.4	322.7	334.4	3.8	93.2	4.2	33.
19.9	63.4	6239.9	475.0	-11.4	-16.4	199.6	9.7	3.3	9.2	323.8	331.1	2.2	66.8	5.0	32.
21.3	66.7	6652.5	450.0	-13.7	-23.7	192.8	10.9	2.4	10.7	326.0	330.3	1.3	43.0	5.8	29.
22.9	70.1	7084.3	425.0	-17.4	-22.3	205.7	11.0	4.8	9.9	326.7	331.7	1.5	65.1	6.8	27.
24.6	73.7	7537.1	400.0	-20.2	-25.7	220.4	10.6	6.8	8.0	328.2	332.8	1.2	61.2	7.9	28.
26.3	77.4	8013.0	375.0	-22.9	-28.6	227.0	12.9	9.4	8.8	331.3	334.6	1.0	59.1	9.0	30.
28.0	81.3	8514.7	350.0	-26.4	-32.5	228.5	16.9	12.6	11.2	333.2	335.7	0.7	56.2	10.4	33.
29.7	85.3	9045.7	325.0	-30.3	-37.0	226.7	24.0	17.4	16.4	334.7	336.4	0.5	52.3	12.4	35.
31.6	89.3	9610.3	300.0	-34.1	-40.6	217.4	29.2	17.8	25.3	337.3	338.7	0.4	51.5	15.5	37.
33.8	93.7	10214.2	275.0	-38.8	-46.8	215.4	31.1	18.0	25.3	339.1	339.8	0.2	42.2	19.6	36.
36.2	98.3	10862.9	250.0	-42.6	-59.9	99.9	99.9	99.9	99.9	342.7	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
CHEYENNE, WYOMING

20 MAY 1979
2085 GMT

83 273. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD GK/KG	RH PCT	RANGE KM	AZ DEG
0.0	12.3	621.0	939.7	26.1	15.5	340.0	8.0	2.7	-7.5	304.6	337.0	11.9	52.0	0.0	0.0
99.9	99.9	55.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	13.6	759.5	925.0	23.0	16.2	31.3	9.6	-5.0	-8.2	302.9	336.9	12.6	65.2	0.4	212.0
1.3	16.0	997.8	900.0	20.5	15.6	42.3	11.0	-7.4	-8.1	302.7	336.4	12.5	73.5	0.8	216.0
2.2	18.5	1241.2	875.0	18.3	16.1	49.5	10.6	-8.0	-6.9	302.6	336.7	13.4	87.5	1.4	220.0
3.0	21.0	1489.4	850.0	16.1	15.1	58.6	10.9	-9.3	-5.7	303.0	337.7	12.9	93.9	1.9	223.0
3.8	23.5	1745.6	825.0	14.4	13.4	63.7	12.0	-10.7	-5.3	303.6	339.0	11.8	93.6	2.5	228.0
4.4	26.0	2004.1	800.0	14.1	13.1	63.3	10.2	-9.1	-4.6	306.2	339.0	12.0	93.6	2.9	230.0
5.3	28.6	2273.1	775.0	15.3	-1.4	68.8	2.6	-8.6	-0.1	310.3	323.4	4.5	31.8	3.2	231.0
6.2	31.2	2550.9	750.0	14.6	-0.3	180.8	2.8	0.0	2.8	312.5	327.3	5.0	36.2	3.1	231.0
6.9	33.8	2837.0	725.0	12.7	1.9	176.2	5.6	-0.4	5.6	313.4	331.2	6.1	47.6	3.1	235.0
8.0	36.6	3131.0	700.0	11.0	-3.9	163.1	7.6	0.4	7.5	314.7	327.1	4.1	34.9	2.8	242.0
9.1	39.2	3433.2	675.0	8.8	-3.3	182.8	7.0	0.3	7.0	315.5	328.9	4.5	42.4	2.6	252.0
10.1	42.0	3744.6	650.0	6.7	-7.0	181.7	6.7	0.2	6.7	316.6	327.2	3.5	36.7	2.5	260.0
11.2	44.9	4065.3	625.0	4.2	-4.1	188.7	8.7	1.3	8.6	317.3	331.0	4.5	54.6	2.4	271.0
12.5	47.8	4396.6	600.0	1.6	-0.8	204.4	11.2	4.6	10.2	318.0	336.0	6.0	84.1	2.3	292.0
13.7	50.8	4738.6	575.0	-1.3	-3.1	216.5	11.7	7.0	9.4	318.2	334.6	5.3	87.6	2.3	312.0
15.1	53.9	5092.4	550.0	-3.3	-8.5	227.5	11.0	8.1	7.4	320.2	331.5	3.7	67.3	2.5	334.0
16.3	56.9	5460.0	525.0	-4.7	-11.7	228.6	10.4	7.8	6.9	322.8	332.2	3.0	57.9	2.8	349.0
17.7	60.1	5842.9	500.0	-6.7	-19.1	231.4	9.5	7.4	5.9	324.9	330.5	1.7	36.3	3.3	3.0
19.1	63.3	6241.1	475.0	-9.7	-19.8	237.6	8.3	7.0	4.4	326.0	331.5	1.7	43.5	3.8	11.0
20.3	66.6	6596.6	450.0	-12.5	-20.3	236.6	8.9	7.4	4.9	327.6	333.2	1.7	51.7	4.3	17.0
21.7	70.1	7090.9	425.0	-15.4	-25.4	235.6	12.2	10.1	6.9	329.2	333.1	1.1	41.8	4.9	23.0
23.0	73.6	7546.2	400.0	-18.7	-27.0	227.7	16.8	12.4	11.3	330.6	334.3	1.0	48.0	5.9	29.0
24.5	77.3	8023.3	375.0	-23.1	-27.6	214.3	25.7	15.5	21.2	331.0	334.7	1.1	66.2	7.7	31.0
26.4	81.1	8525.9	350.0	-25.4	-26.7	207.4	30.8	15.1	27.3	334.5	334.8	0.1	4.1	11.0	31.0
28.8	85.2	9060.6	325.0	-28.4	-28.1	199.1	31.4	10.3	29.6	337.6	337.6	0.0	1.0	15.5	28.0
31.2	89.3	9631.5	300.0	-31.2	-70.0	99.9	99.9	99.9	99.9	341.4	341.5	0.0	1.0	20.0	26.0
33.3	93.7	10241.9	275.0	-36.0	-73.2	99.9	99.9	99.9	99.9	343.0	343.1	0.0	1.0	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
CHEYENNE, OKLAHOMA20 MAY 1979
2135 GMT

124 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	12.2	621.0	938.7	24.8	15.4	360.0	5.0	0.0	-5.0	303.4	335.5	11.9	55.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	13.4	745.6	925.0	21.9	15.9	29.8	8.1	-4.0	-7.1	301.8	335.2	12.4	68.7	0.3	216.
1.4	15.8	987.2	900.0	19.8	15.6	37.9	9.6	-5.9	-7.6	301.9	335.6	12.5	77.1	0.7	216.
2.3	18.2	1226.9	875.0	17.5	15.8	45.1	10.0	-7.1	-7.0	301.9	336.7	13.1	90.0	1.2	218.
3.2	20.7	1477.6	850.0	15.8	14.8	53.0	9.6	-7.7	-5.8	302.7	336.7	12.6	94.2	1.8	222.
4.0	23.2	1731.1	825.0	13.7	12.9	60.1	8.3	-7.2	-4.2	303.6	334.0	11.4	95.1	2.2	224.
4.8	25.7	1990.9	800.0	12.5	11.8	68.3	6.2	-5.7	-2.3	304.5	336.0	10.8	95.4	2.5	227.
5.4	28.2	2257.8	775.0	11.6	11.0	67.0	3.6	-3.3	-1.4	306.3	336.0	10.8	96.0	2.7	229.
6.1	30.9	2532.5	750.0	11.5	2.6	124.6	1.2	-1.0	0.7	309.1	327.1	6.3	55.4	2.8	229.
6.9	33.6	2818.5	725.0	11.6	2.2	183.9	8.8	0.2	2.8	312.2	330.2	6.2	52.2	2.7	230.
7.8	36.2	3103.2	700.0	10.0	-1.1	166.2	4.6	0.5	4.6	313.6	328.6	5.1	46.1	2.6	234.
9.0	39.9	3410.5	675.0	7.9	-0.9	186.6	5.4	0.6	5.4	314.8	330.2	5.3	53.8	2.4	240.
10.1	41.6	3720.8	650.0	5.1	0.9	195.2	7.7	2.0	7.4	314.8	333.3	6.3	73.9	2.1	249.
11.3	44.5	4040.4	625.0	3.0	-1.3	200.4	8.6	3.0	8.1	315.9	332.4	5.6	73.2	1.8	264.
12.3	47.4	4370.3	600.0	0.7	-1.9	207.1	8.8	4.0	7.9	317.0	333.6	5.6	62.8	1.6	282.
13.4	50.3	4711.3	575.0	-1.9	-3.8	217.0	9.2	5.6	7.4	317.6	333.0	5.0	86.6	1.5	304.
14.6	53.3	5063.9	550.0	-4.4	-5.6	224.6	9.3	6.5	6.3	318.2	331.8	4.3	84.7	1.5	328.
15.6	56.4	5429.7	525.0	-6.1	-15.1	225.1	9.0	6.4	6.3	321.1	328.3	2.2	48.7	1.7	347.
16.7	59.5	5810.4	500.0	-8.4	-15.1	226.5	7.6	5.6	5.3	322.6	329.8	2.2	53.8	2.1	359.
17.8	62.9	6206.7	475.0	-10.8	-21.6	228.7	8.0	6.0	5.3	325.7	329.4	1.4	40.1	2.4	8.
19.4	66.1	6620.3	450.0	-13.5	-28.6	218.3	13.4	8.3	10.5	329.3	329.0	0.8	26.7	3.3	17.
21.0	69.6	7052.4	425.0	-16.8	-30.2	211.3	19.5	10.2	15.7	327.4	329.9	0.7	30.2	4.8	24.
22.3	73.0	7505.3	400.0	-19.3	-35.0	200.6	24.5	8.6	21.9	329.9	334.2	1.3	60.5	6.6	24.
23.8	76.7	7983.4	375.0	-21.3	-63.5	188.7	27.2	8.7	25.9	332.5	333.5	0.0	1.0	8.9	22.
25.4	80.4	8489.3	350.0	-24.1	-65.3	196.6	27.8	7.9	26.6	336.3	336.3	0.0	1.0	11.6	21.
27.9	84.4	9026.1	325.0	-27.7	-67.7	189.8	27.2	4.6	26.8	338.5	338.5	0.0	1.0	15.6	19.
30.1	88.5	9596.0	300.0	-32.2	-69.3	192.3	26.5	5.7	25.9	340.0	340.3	0.1	7.9	19.2	17.
32.7	93.0	10204.2	275.0	-36.6	-48.5	194.7	25.6	4.5	24.7	342.2	342.9	0.2	27.4	23.3	17.
35.2	97.6	10858.8	250.0	-40.9	-49.9	189.3	27.3	4.4	24.0	345.3	345.9	99.9	99.9	27.2	16.
37.2	102.6	11569.5	225.0	-45.5	-59.9	189.8	26.6	4.5	26.2	348.7	348.9	99.9	99.9	30.3	16.
39.4	107.8	12342.6	200.0	-52.5	-67.9	193.3	27.7	6.4	27.0	349.7	349.9	99.9	99.9	33.8	15.
41.8	113.6	13199.2	175.0	-56.5	-69.9	202.8	27.7	10.8	25.5	356.7	359.9	99.9	99.9	38.2	15.
44.6	120.0	14163.5	150.0	-62.7	-69.9	205.0	23.9	10.1	21.7	362.1	362.1	99.9	99.9	42.0	16.
47.8	127.0	15281.4	125.0	-62.3	-69.9	225.4	24.2	17.2	17.0	368.2	368.2	99.9	99.9	46.7	18.
51.9	135.0	16674.3	100.0	-56.3	-59.9	99.9	99.9	99.9	99.9	418.9	418.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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STATION NO. 34
SEILING, OLLAHOMA21 MAY 1979
1105 GAT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE AZ KM	DG
0.0	12.0	589.0	942.4	16.0	11.2	90.0	7.0	-3.4	-4.5	294.1	317.6	8.9	73.0	49	500.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.0	0.0
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	13.8	746.8	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.4	16.2	978.1	925.0	13.5	12.9	78.9	4.5	-4.4	-0.9	293.1	319.7	99.9	99.9	999.9	999.9
1.9	18.6	1215.0	875.0	12.7	12.0	73.7	4.3	-6.1	-1.8	294.6	320.6	10.2	95.9	0.1	228.0
2.5	21.0	1458.2	850.0	11.8	11.1	71.5	6.4	-6.1	-2.0	296.1	321.4	9.9	95.3	0.4	247.0
3.2	23.5	1708.0	825.0	11.4	10.7	81.1	5.6	-5.5	-0.9	298.1	323.8	9.5	95.1	0.6	248.0
4.0	26.1	1964.7	800.0	10.2	9.5	78.9	4.3	-4.2	-0.8	299.4	324.0	9.1	95.1	0.8	253.0
5.9	31.2	2200.1	775.0	9.0	8.4	94.1	3.8	-3.8	0.3	302.1	326.0	8.8	88.7	1.0	253.0
6.9	33.9	2779.0	750.0	7.5	4.1	99.0	3.0	-3.0	0.5	303.5	322.1	6.6	71.1	1.2	253.0
7.8	36.6	3066.0	725.0	6.0	2.8	122.6	3.7	-3.2	2.0	304.7	322.4	5.7	70.7	1.3	258.0
8.7	39.2	3361.2	700.0	4.2	-0.5	99.9	99.9	99.9	99.9	306.0	322.4	6.3	72.3	1.5	262.0
9.5	42.0	3665.0	675.0	2.1	-0.8	99.9	99.9	99.9	99.9	307.2	322.4	5.3	71.5	1.5	264.0
10.5	44.9	3978.3	650.0	-0.2	-1.7	99.9	99.9	99.9	99.9	308.0	323.5	5.4	81.1	999.9	999.9
11.5	47.8	4302.5	625.0	-2.1	-3.1	99.9	99.9	99.9	99.9	308.7	323.8	5.2	89.9	999.9	999.9
12.5	50.9	4637.3	600.0	-3.9	-4.8	99.9	99.9	99.9	99.9	310.1	324.4	4.9	92.8	999.9	999.9
13.5	53.8	4984.3	575.0	-6.4	-9.8	99.9	99.9	99.9	99.9	311.8	324.8	4.5	93.1	999.9	999.9
14.6	56.9	5344.3	550.0	-7.7	-9.8	99.9	99.9	99.9	99.9	312.5	322.1	3.2	76.6	999.9	999.9
15.9	63.0	5718.5	525.0	-10.4	-22.6	99.9	99.9	99.9	99.9	315.0	320.8	1.9	47.7	999.9	999.9
99.9	99.9	99.9	500.0	-13.0	-23.2	99.9	99.9	99.9	99.9	316.0	319.8	1.2	35.7	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	317.2	321.0	1.2	42.2	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

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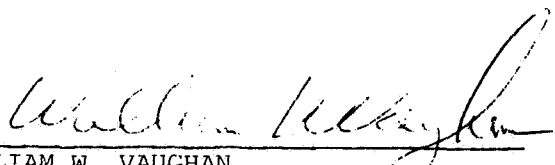
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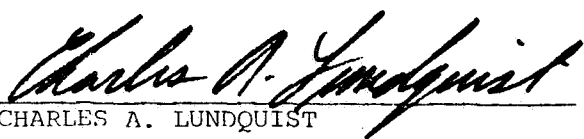
APPROVAL

AVE-SESAME V: 25-mb SOUNDING DATA

By Meta E. Sienkiewicz, Luke P. Gilchrist,
and Robert E. Turner

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